

Attorney Docket 2 of 2

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

01-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01566/01 Pending *App No.:* 60/953297 *App Dt:* 01-Aug-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2065PR

5059-001566/US/PS1 Title: Mechanism To Manage Multimedia Session Signaling Between Multiple Terminals

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

01-Jul-2008 Convert to Regir-1 Mo Reminder 5059-P01566/01 Pending **App No.:** 60/953297 **App Dt:** 01-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2065PR

5059-001566/US/PS1 Title: Mechanism To Manage Multimedia Session Signaling Between Multiple Terminals

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

01-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01567/01 Pending *App No.*: 60/953307 *App Dt*: 01-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2066PR

5059-001567/US/PS1 Title: Coupling Headset With IP Phone

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

01-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01567/01 Pending *App No.*: 60/953307 *App Dt*: 01-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2066PR

5059-001567/US/PS1 Title: Coupling Headset With IP Phone

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

01-Jul-2008 3 Mo Offic Act-2nd Ext 8540P-P00195/01 Pending **App No.**: 11/017173 **App Dt**: 20-Dec-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-304870

8540P-000195/US Title: Decel-Rate Based Spintrol (Engine Spin Control) And HEOff (Hybrid Engine Off) Functionality

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

01-Jul-2008 3 Mo Offic Act-Response Due 8540P-P00271/01 Pending **App No.**: 11/263215 **App Dt**: 31-Oct-2005 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-306075

8540P-000271/US Title: Wheel-Slip Powertrain Torqu Control System

Client: General Motors Corporation



01-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9001 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

3 Mo Offc Act-Response Due App No.: 11/646611 App Dt: 27-Dec-2006 US-3 Month Office Action Due Date United States of America Pat No.: Iss Dt:

Unofficial

Client Reference: Client Ref. 1: GP-307889 HDP Number:

8540P-000414/US Title: A Method For Estimating The EGR Rate In A Diesel Engine Utilizing Two Mass Airflow Sensors

Client: General Motors Corporation

8540P-P00414/01

Action Due Remarks: Due Date Remarks:

8540P-P00691/01 01-Jul-2008 Unfiled MDW Stat Bar App No.: App Dt:

Final United States of America Pat No .: Iss Dt:

Client Reference: Client Ref. 1: P002633 HDP Number:

8540P-000691/US Title: Loop Variation Compensated XOYR Diagnostic

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

01-Jul-2008 Information Disclosure Stmnt 8540P-P00735/01 App No.: 12/060421 App Dt: 01-Apr-2008 MDW Pending

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P003659

8540P-000735/US Title: Non-Production Part Detection In Electronic Control Modules

Client: General Motors Corporation



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9002 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NDW
 Whodays Microsop

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

01-Jul-2008 Priority document filed? 8540P-P00735/01 Pending **App No.:** 12/060421 **App Dt:** 01-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P003659

8540P-000735/US Title: Non-Production Part Detection In Electronic Control Modules

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

01-Jul-2008 Bar DATE 8540P-P00794/01 Unfiled **App No.: App Dt:** MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004012

8540P-000794/US Title: Active CA50 Control Based On Ringing Index For Reducing Homogenous Charge Compression Ignition (HCCI)

Combustion Noise

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Final Offic Act-Appeal Due 2671-P00002/07 Published **App No.**: 11/301754 **App Dt**: 13-Dec-2005 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

2671-000002/US/03D Title: Battery State Of Charge Algorithm

Client: COBASYS LLC



 Due Date List (by Attorney)
 Page: 9003 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Wiscosts, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 02-Jul-2008
 Final Offic Act- Response Due
 2671-P00002/07
 Published
 App No.: 11/301754
 App Dt: 13-Dec-2005

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

2671-000002/US/03D Title: Battery State Of Charge Algorithm

Client: COBASYS LLC

Action Due Remarks: Due Date Remarks:

02-Jul-2008 Update Status 2671-P00020/01 Pending **App No.**: 11/252925 **App Dt**: 18-Oct-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

2671-000020/US *Title:* Modular Battery System

Client: COBASYS LLC

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 3 Mo Offic Act-Response Due 5059-P00018A/01 Pending **App No.**: 11/824993 **App Dt**: 03-Jul-2007 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0133.C1

5059-000018/US/COA Title: Extension Mode For Wireless LANs Complying With Short Interframe Space Requirement

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9004 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Whoshes Nichael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

02-Jul-2008 Rescind Non-Publication NEP 5059-P00083/03 Pending **App No.:** 11/649038 **App Dt**: 02-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0253.C1C1

5059-000083/US/COB Title: Apparatus And Method Having A Seed Search Algorithm For Scramble Based RLL Code

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 3 Mo Offic Act-Response Due 5059-P00142/03 Published **App No.**: 11/801398 **App Dt**: 09-May-2007 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0505.C1

5059-000142/US/COB Title: Glassy Metal Disc

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 3 Mo Offic Act-Response Due 5059-P00171/01 Pending **App No.**: 10/978128 **App Dt**: 29-Oct-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0562

5059-000171/US Title: Far End Crosstalk Mitigation In Multiple-Input Multiple-Outp ut (MINO) Channels Using Partial Maximum Likelihood

MINO-DFE

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9005 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 NEGROUS Memory

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 02-Jul-2008
 3 Mo Offic Act-Response Due
 5059-P00460/02
 Pending
 App No.: 11/455476
 App Dt: 19-Jun-2006

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0865

5059-000460/US Title: Voice Coil Motor Control System And Method Using Pulse Width Modulation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Update Status 5059-P00507/02 Pending **App No.**: 09/659693 **App Dt**: 11-Sep-2000 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0062; Client Ref. 2: 213200.00178

5059-000507/US Title: Method And Apparatus For Recording And Reproducing Digital Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Update Status 5059-P00710/02 Pending **App No.**: 11/732095 **App Dt**: 02-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1060

5059-000710/US *Title:* Preamble Detection Using Low-Complexity Cross-Correlation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9006 of 9672

01-May-2008

31-Jul-2008

Attorney:

Wiccian Michael ()

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

02-Jul-2008

Information Disclosure Stmnt

5059-P00991/03

Unofficial

App No.: 12/061296

App Dt: 02-Apr-2008

MDW

Due Date

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1379.11

5059-000991/US/CPB

Title: Processor Instruction Cache With Dual-Read Modes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008

Registration Fees

5059-P01052/02

Allowed

App No.: 027883610

App Dt: 16-Dec-2002 MDW

Due Date

Pat No.:

F-Registration Fees

European Patent Convention

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1450IEP; Client Ref. 2: 884.789EP1; Client Ref. 3: P13040XEP

5059-101052/EP/02

Title: Method And Apparatus For Generating A Quality Measure Target Value Based On Channel Conditions

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008

Translation Due

5059-P01052/02

Allowed

App No.: 027883610

App Dt: 16-Dec-2002

MDW

Due Date

F-Translation

European Patent Convention

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1450IEP; Client Ref. 2: 884.789EP1; Client Ref. 3: P13040XEP

5059-101052/EP/02

Title: Method And Apparatus For Generating A Quality Measure Target Value Based On Channel Conditions

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks: Claims



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9007 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Missians, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

02-Jul-2008 Update Status 5059-P01198/02 Pending **App No.:** 12/006343 **App Dt**: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1694

5059-001198/US *Title:* Fax/Photo Usage Model

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 English Translation (Prov App) 5059-P01268/02 Unfilled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1758

5059-001268/US Title: Use Of Hand-Propelled Printer As A Data-Collection Tool

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Corrected App paper-1st ext 5059-P01299/02 Pending **App No.**: 12/051505 **App Dt**: 19-Mar-2008 MDW

Due Date US-Corrected Application Paper United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1790

5059-001299/US Title: Network-Based IP Mobility Mechanism Selection For Multi-Mode Terminals

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9008 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 02-Jul-2008
 Information Disclosure Stmnt
 5059-P01331/02
 Pending
 App No.: 12/062036
 App Dt: 03-Apr-2008

 Due Date
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1822

5059-001331/US Title: Hybrid L2/L3 Multicast Switch

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Priority document filed? 5059-P01331/02 Pending **App No.**: 12/062036 **App Dt**: 03-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1822

5059-001331/US Title: Hybrid L2/L3 Multicast Switch

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 18 Mo Chap II Demand Reminder 5059-P01437/01 Pending **App No.**: PCT/US2007/026387 **App Dt**: 28-Dec-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1636.WO

5059-001437/WO/POA *Title:* High Speed Interface For Multi-Level Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9009 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

02-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01491A/01 Pending App No.: 60/953590 App Dt: 02-Aug-2007 MDW

Reminder United States of America Iss Dt: Pat No.:

Client Reference: Client Ref. 1: MP1987PR2 HDP Number:

5059-001491/US/PS2 Title: TCAM Scrubbing To Reduce Soft Errors

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01491A/01 App No.: 60/953590 App Dt: 02-Aug-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1987PR2 HDP Number:

5059-001491/US/PS2 Title: TCAM Scrubbing To Reduce Soft Errors

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Prefiled Status 5059-P01509/01 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2008

5059-001509/US Title: Auto Gain Calibration Algorithm On Burst Signal Stream

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9010 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Indicator **Action Type** Country

> 5059-P01510/01 Pending **App No.:** 60/947535

Status

App Dt: 02-Jul-2007

MDW

Attorneys

02-Jul-2008 Convert to Regular NEP Final

Action Due

United States of America

Matter Number/Subcase

Pat No.:

Iss Dt:

Bibliographic Numbers & Dates

HDP Number:

Due Date

Client Reference: Client Ref. 1: MP2009PR

5059-001510/US/PS1

Title: DRO Controlled Voltage Supply

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Prefiled Status

5059-P01510/02

Unfiled

App No.: Pat No.: App Dt: Iss Dt: MDW

Reminder HDP Number:

United States of America Client Reference: Client Ref. 1: MP2009

5059-001510/US

Title: DRO Controlled Voltage Supply

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Foreign Filing Deadline NEP 5059-P01510/01

Pending

App No.: 60/947535

App Dt: 02-Jul-2007

MDW

Final

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2009PR

5059-001510/US/PS1

Title: DRO Controlled Voltage Supply

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9011 of 9672 01-May-2008 31-Jul-2008 Attorney: N.W. Water Medical D

Action Due Matter Number/Subcase

Due Date Status Indicator **Action Type** Country **Bibliographic Numbers & Dates Attorneys**

02-Jul-2008 Prefiled Status 5059-P01511/02 Unfiled MDW App No.: App Dt:

United States of America Reminder Pat No .: Iss Dt:

Client Reference: Client Ref. 1: MP2010 HDP Number:

5059-001511/US Title: Method For Protectin Confidential Information In An ASIC

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Foreign Filing Deadline NEP 5059-P01511/01 App No.: 60/947538 App Dt: 02-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2010PR HDP Number:

5059-001511/US/PS1 Title: Method For Protectin Confidential Information In An ASIC

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Convert to Regular NEP 5059-P01511/01 Pending App No.: 60/947538 App Dt: 02-Jul-2007 MDW

United States of America Iss Dt: Final Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP2010PR

5059-001511/US/PS1 Title: Method For Protectin Confidential Information In An ASIC

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9012 of 9672 01-May-2008 31-Jul-2008 Attorney: Wildelie Medice ()

App No.:

Prefiled Status

02-Jul-2008

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Bibliographic Numbers & Dates Attorneys

App Dt:

MDW

MDW

Reminder United States of America Pat No .: Iss Dt:

Client Reference: Client Ref. 1: MP2011 HDP Number:

5059-001512/US Title: A Method And Apparatus For Power Effective Radial-Distortion Correction For Mosaic And Demosaiced (Post

Color Synthesis) Capture Images For Mobile Handheld Devices

Unfiled

Client: Marvell Semiconductor Inc.

5059-P01512/02

Action Due Remarks:

Due Date Remarks:

Foreign Filing Deadline NEP 5059-P01512/01 02-Jul-2008 Pending **App No.:** 60/947542 App Dt: 02-Jul-2007

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2011PR HDP Number:

5059-001512/US/PS1 Title: A Method And Apparatus For Power Effective Radial-Distortion Correction For Mosaic And Demosaiced (Post

Color Synthesis) Capture Images For Mobile Handheld Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Convert to Regular NEP 5059-P01512/01 02-Jul-2008 MDW Pending **App No.:** 60/947542 App Dt: 02-Jul-2007

Final United States of America Pat No .: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2011PR

5059-001512/US/PS1 Title: A Method And Apparatus For Power Effective Radial-Distortion Correction For Mosaic And Demosaiced (Post

Color Synthesis) Capture Images For Mobile Handheld Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9013 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Whoshes Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

02-Jul-2008 Convert to Regir-6 Mo Reminder 5059-P01851A/01 Pending App No.: 61/018530 App Dt: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2383PR

5059-001851/US/PS1 Title: Method And Apparatus For Egress Jitter Pacer For Media Sources

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Update Status 5059-P01851A/01 Pending **App No.**: 61/018530 **App Dt**: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2383PR

5059-001851/US/PS1 Title: Method And Apparatus For Egress Jitter Pacer For Media Sources

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Reminder - Foreign Filing 5059-P01851A/01 Pending **App No.**: 61/018530 **App Dt**: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2383PR

5059-001851/US/PS1 Title: Method And Apparatus For Egress Jitter Pacer For Media Sources

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9014 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW
 Whother Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

02-Jul-2008 Update Status 5059-P01852A/01 Pending **App No.:** 61/018531 **App Dt**: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP2384PR

5059-001852/US/PS1 Title: Method And Apparatus For Media Endpoint Rendering Buffer Control From An Applicant Level Software In An

AVB Network

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01852A/01 Pending **App No.:** 61/018531 **App Dt**: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2384PR

5059-001852/US/PS1 Title: Method And Apparatus For Media Endpoint Rendering Buffer Control From An Applicant Level Software In An

AVB Network

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Reminder - Foreign Filing 5059-P01852A/01 Pending **App No.**: 61/018531 **App Dt**: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2384PR

5059-001852/US/PS1 Title: Method And Apparatus For Media Endpoint Rendering Buffer Control From An Applicant Level Software In An

AVB Network

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9015 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Status

Indicator **Action Type** Country

Matter Number/Subcase

5059-P01853A/01

Bibliographic Numbers & Dates Attorneys

MDW

02-Jul-2008 Convert to Reglr-6 Mo Reminder Pending **App No.:** 61/018585 App Dt: 02-Jan-2008 Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2385PR

5059-001853/US/PS1 Title: WIMAX MAC

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

02-Jul-2008 Reminder - Foreign Filing 5059-P01853A/01 Pending App No.: 61/018585 App Dt: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2385PR HDP Number:

5059-001853/US/PS1 Title: WIMAX MAC

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

5059-001853/US/PS1

02-Jul-2008 Update Status 5059-P01853A/01 App No.: 61/018585 App Dt: 02-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2385PR

HDP Number:

Client: Marvell Semiconductor Inc.

Title: WIMAX MAC

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 02-Jul-2008
 Convert to Regular NEP
 8540P-P00455/01
 Unofficial
 App No.: 60/947575
 App Dt: 02-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308513

8540P-000455/US/PS1 Title: Use Of Torque Model At Virtual Engine Conditions

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Foreign Filing Deadline NEP 8540P-P00455/01 Unofficial **App No.**: 60/947575 **App Dt**: 02-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308513

8540P-000455/US/PS1 Title: Use Of Torque Model At Virtual Engine Conditions

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Priority document filed? 8540P-P00516/02 Pending **App No.**: 12/061223 **App Dt**: 02-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000123

8540P-000516/US Title: Self Correlated Temperature Sensor Diagnostic

Client: General Motors Corporation



 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

indicator Action Type Country Bibliographic Numbers & Dates Attorneys

02-Jul-2008 Information Disclosure Stmnt 8540P-P00516/02 Pending **App No.**: 12/061223 **App Dt**: 02-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000123

8540P-000516/US Title: Self Correlated Temperature Sensor Diagnostic

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

02-Jul-2008 Convert to Regir-6 Mo Reminder 8540P-P00516/01 Pending **App No.**: 61/018574 **App Dt**: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000123

8540P-000516/US/PS1 Title: Self Correlated Temperature Sensor Diagnostic

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

02-Jul-2008 Update Status 8540P-P00516/01 Pending **App No.**: 61/018574 **App Dt**: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000123

8540P-000516/US/PS1 Title: Self Correlated Temperature Sensor Diagnostic

Client: General Motors Corporation



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9018 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

02-Jul-2008 Reminder - Foreign Filing 8540P-P00516/01 Pending **App No.**: 61/018574 **App Dt**: 02-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000123

8540P-000516/US/PS1 Title: Self Correlated Temperature Sensor Diagnostic

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

02-Jul-2008 Foreign Filing Deadline NEP 8540P-P00522/01 Unofficial **App No.**: 11/824774 **App Dt**: 02-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000278

8540P-000522/US Title: Control Of Hybrid Vehicle Regen Power During Cruise Control Operation

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Update Status 8540P-P00581/02 Pending **App No.**: 11/876171 **App Dt**: 22-Oct-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000612

8540P-000581/US Title: Electrically Heated Particulate Filter Regeneration Using Hydrocarbon Adsorbents

Client: General Motors Corporation

Action Due Remarks:



Prefiled Status

02-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9019 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: Wigaths.Michael D

Due Date Action Due Matter Number/Subcase Status
Indicator Action Type Country

App No.: App Dt: MDW

Attorneys

Bibliographic Numbers & Dates

Reminder United States of America Pat No.: Iss Dt:

Unfiled

HDP Number: Client Reference: Client Ref. 1: P001440

8540P-000618/US *Title:* Predicted Engine Oil Pressure

Client: General Motors Corporation

8540P-P00618/02

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Prefiled Status 8540P-P00621/01 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001499

8540P-000621/US Title: Transmission Dynamic Upshift Run-Through Protection

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

02-Jul-2008 Foreign Filing Deadline NEP 8540P-P00623/01 Unofficial **App No.**: 60/958065 **App Dt**: 02-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001519

8540P-000623/US/PS1 Title: Computation Of Mass Air Flow Sensor Signal In Timer Processing Unit Of Engine Control Module

Client: General Motors Corporation

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9020 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missians, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

02-Jul-2008 Convert to Regular NEP 8540P-P00623/01 Unofficial **App No.**: 60/958065 **App Dt**: 02-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001519

8540P-000623/US/PS1 Title: Computation Of Mass Air Flow Sensor Signal In Timer Processing Unit Of Engine Control Module

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Priority document filed? 15109-P00002/03 Unofficial **App No.**: 12/062048 **App Dt**: 03-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

15109-000002/US Title: Anti-Ballistic Glass For Military Vehicles

Client: Birmingham Glass & Mirror, Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Information Disclosure Stmnt 15109-P00002/03 Unofficial App No.: 12/062048 App Dt: 03-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

15109-000002/US Title: Anti-Ballistic Glass For Military Vehicles

Client: Birmingham Glass & Mirror, Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9021 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Country Bibliographic Numbers & Dates Attorneys

App No.: 11/455297

App Dt: 16-Jun-2006

MDW

MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

Published

HDP Number: Client Reference:

Final Offc Act- Response Due

03-Jul-2008

2671-000014/US Title: Determination Of Battery Predictive Power Limits

Client: COBASYS LLC

2671-P00014/01

Action Due Remarks: Due Date Remarks:

03-Jul-2008 Final Offic Act-Appeal Due 2671-P00014/01 Published App No.: 11/455297 App Dt: 16-Jun-2006

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

2671-000014/US Title: Determination Of Battery Predictive Power Limits

Client: COBASYS LLC

Action Due Remarks: Due Date Remarks:

03-Jul-2008 Update Status 5059-P00123/12 Published **App No.**: 11/732409 **App Dt**: 03-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0199.14C2

5059-000123/US/COK

Title: Crystal Oscillator Emulator

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9022 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Action Due Due Date Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 03-Jul-2008 Update Status 5059-P00123/14 **Published App No.:** 11/732465 App Dt: 03-Apr-2007 MDW Reminder United States of America Pat No.: Iss Dt: Client Reference: Client Ref. 1: MP0199.I4C4 HDP Number: 5059-000123/US/COM Title: Crystal Oscillator Emulator

Action Due Remarks:

Due Date Remarks:

5059-000123/US/COJ

5059-000123/US/CON

03-Jul-2008 Update Status 5059-P00123/11 Published **App No.:** 11/732418 App Dt: 03-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0199.I4C1 HDP Number:

Title: Crystal Oscillator Emulator

Client: Marvell Semiconductor Inc.

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

03-Jul-2008 Update Status 5059-P00123/15 **Published** App No.: 11/732304 App Dt: 03-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0199.I4C5 HDP Number:

Client: Marvell Semiconductor Inc.

Title: Crystal Oscillator Emulator

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9023 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

03-Jul-2008 Update Status 5059-P00123/13 Published *App No.*: 11/732435 *App Dt*: 03-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0199.14C3

5059-000123/US/COL Title: Crystal Oscillator Emulator
Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Missing Parts-1st Ext 5059-P00153/10 Pending **App No.**: 12/075464 **App Dt**: 11-Mar-2008 MDW

Due Date US-Missing Parts United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0192.AAAa

5059-000153/US/COJ Title: Semiconductor Having Reduced Configuration Pins And Method Thereof

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Issue Fee Due-Final 5059-P00156/03 Pending **App No.**: 11/489664 **App Dt**: 19-Jul-2006 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0525.C1

5059-000156/US/COB Title: Adaptive Storage System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9024 of 9572

 81-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Missins, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 03-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00156/03 Pending App No.: 11/489664 App Dt: 19-Jul-2006 MDW Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt: Client Reference: Client Ref. 1: MP0525.C1 HDP Number: 5059-000156/US/COB Title: Adaptive Storage System Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Drawing/Formality-3 Mo Final

5059-P00156/03

Pending

App No.: 11/489664

App Dt: 19-Jul-2006 MDW

Final US-Notce Allowability-Drawings

United States of America

Pat No.:

Iss Dt:

HDP Number:

03-Jul-2008

Client Reference: Client Ref. 1: MP0525.C1

5059-000156/US/COB

Title: Adaptive Storage System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Final

Final Offc Act-1st Appeal Ext

5059-P00412/01

Pending

App No.: 10/259088

App Dt: 26-Sep-2002 MDW

. .

Due Date

US-Final Office Action

United States of America

ca

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0202

5059-000412/US

Title: Reduced Complexity Viterbi Decoding Method And Apparatus

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date

Indicator

Action Due Matter Number/Subcase Status

Action Type Country Bibliographic Numbers & Dates Attorneys

03-Jul-2008 Final Offic Act-1st Ext 5059-P00412/01 Pending **App No.:** 10/259088 **App Dt:** 26-Sep-2002 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0202

5059-000412/US Title: Reduced Complexity Viterbi Decoding Method And Apparatus

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Missing Parts (1st) + 5 (NEP) 5059-P00444/04 Pending **App No.**: 11/977169 **App Dt**: 23-Oct-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0797.C1C1

5059-000444/US/COC *Title:* Integrated Memory Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00577/01 Pending **App No.**: 11/188661 **App Dt**: 26-Jul-2005 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0656; Client Ref. 2: 213200.00177

5059-000577/US Title: Drop-In Heat And Exposed Die-Back For Molded Flip Die Package

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9026 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Missians, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

03-Jul-2008 Check if IPER received 5059-P00673/01 Published **App No.**: PCT/US2007/005450 **App Dt**: 02-Mar-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1014/WO

5059-000673/WO/POA Title: Calibration System For Writing And Reading Multiple States Into Phase Change Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 28 Mo National Stage Reminder 5059-P00673/01 Published **App No.**: PCT/US2007/005450 **App Dt**: 02-Mar-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1014/WO

5059-000673/WO/POA Title: Calibration System For Writing And Reading Multiple States Into Phase Change Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 18 Mo Chap II Demand Reminder 5059-P00893/01 Pending App No.: PCT/US2007/026388 App Dt: 28-Dec-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1241.WO

5059-000893/WO/POA Title: Time Updating And Load Management Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9027 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 03-Jul-2008
 Information Disclosure Stmnt
 5059-P01331/02
 Pending
 App No.: 12/062036
 App Dt: 03-Apr-2008

 Due Date
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1822

5059-001331/US Title: Hybrid L2/L3 Multicast Switch

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Priority document filed? 5059-P01331/02 Pending **App No.**: 12/062036 **App Dt**: 03-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1822

5059-001331/US Title: Hybrid L2/L3 Multicast Switch

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Update Status 5059-P01393/01 Pending App No.: 61/018752 App Dt: 03-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1885PR2

5059-001393/US/PS2 Title: Method And Apparatus For Image Stabilization In Handheld Devices Using Multiple Cameras

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9028 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

03-Jul-2008 Reminder - Foreign Filing 5059-P01393/01 Pending **App No.**: 61/018752 **App Dt**: 03-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1885PR2

5059-001393/US/PS2 Title: Method And Apparatus For Image Stabilization In Handheld Devices Using Multiple Cameras

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01393/01 Pending **App No.**: 61/018752 **App Dt**: 03-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1885PR2

5059-001393/US/PS2 Title: Method And Apparatus For Image Stabilization In Handheld Devices Using Multiple Cameras

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Prefiled Status 5059-P01513/01 Unfiled *App No.*: *App Dt*: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2012

5059-001513/US Title: Location Aware Ad-Hoc Gaming

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9029 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Action Due Matter Number/Subcase **Due Date** Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

03-Jul-2008 Convert to Regular NEP Pending **App No.:** 60/947766 App Dt: 03-Jul-2007

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2012PR HDP Number:

5059-001513/US/PS1 Title: Location Aware Ad-Hoc Gaming

Client: Marvell Semiconductor Inc.

5059-P01513A/01

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Foreign Filing Deadline NEP 5059-P01513A/01 Pending App No.: 60/947766 App Dt: 03-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2012PR HDP Number:

5059-001513/US/PS1 Title: Location Aware Ad-Hoc Gaming

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Prefiled Status 5059-P01514/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2013

5059-001514/US Title: Ad-Hoc Power Save Using Variable ATIM Window

Client: Marvell Semiconductor Inc.

Action Due Remarks:



03-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9030 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Foreign Filing Deadline NEP Pending **App No.:** 60/947765 App Dt: 03-Jul-2007

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2013PR HDP Number:

5059-001514/US/PS1 Title: Ad-Hoc Power Save Using Variable ATIM Window

Client: Marvell Semiconductor Inc.

5059-P01514/01

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Convert to Regular NEP 5059-P01514/01 **App No.:** 60/947765 App Dt: 03-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2013PR HDP Number:

5059-001514/US/PS1 Title: Ad-Hoc Power Save Using Variable ATIM Window

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Convert to Regular NEP 5059-P01515/01 Pending **App No.:** 60/947818 App Dt: 03-Jul-2007 MDW

Final United States of America Iss Dt: Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP2014PR

5059-001515/US/PS1 Title: Application Of Per-Tone Equalization Of OFDMA System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

03-Jul-2008 Foreign Filing Deadline NEP 5059-P01515/01 Pending *App No.*: 60/947818 *App Dt*: 03-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2014PR

5059-001515/US/PS1 Title: Application Of Per-Tone Equalization Of OFDMA System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01721/01 Pending **App No.**: 61/018760 **App Dt**: 03-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2250PR2

5059-001721/US/PS2 *Title:* IPFix

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Update Status 5059-P01721/01 Pending **App No.**: 61/018760 **App Dt**: 03-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2250PR2

Client: Marvell Semiconductor Inc.

Onomi maron comediate me

Action Due Remarks:



Action Due

Due Date

03-Jul-2008

Reminder

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9032 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Whoding Michael D

Indicator Action Type Country

5059-P01721/01 Pending *App No.*: 61/018760

Bibliographic Numbers & Dates

App Dt: 03-Jan-2008

Attorneys

MDW

Status

United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP2250PR2

5059-001721/US/PS2 *Title:* IPFix

Reminder - Foreign Filing

Client: Marvell Semiconductor Inc.

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Foreign Response - 2 wks 8540G-P00061/01 Granted *App No.*: 001266246 *App Dt*: 04-Dec-2000 AMB,MDW

Reminder F-Foreign Response European Patent Convention Pat No.: 3923261 Iss Dt: 02-Mar-2007

HDP Number: Client Reference; Client Ref. 1: H-205765

8540G-100061/EP Title: Controlled Shutdown Of A Fuel Cell

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Update Status 8540P-P00138/01 Pending *App No.*: 10/984269 *App Dt*: 09-Nov-2004 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-303801

8540P-000138/US Title: Unified Start-Up/Restart Alogorithm for Position Senorless Synchronous Motor Drive System

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9033 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

03-Jul-2008 Update Status 8540P-P00375/01 Pending **App No.**: 11/542672 **App Dt**: 03-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-307506

8540P-000375/US Title: A Method Of Crank Signal Disturbance Compensation

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Update Status 8540P-P00468/01 Pending **App No.**: 11/542688 **App Dt**: 03-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308981

8540P-000468/US Title: Adaptive Learning Algorithm For Clean Particulate Filter Pressure Drop

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 3 Mo Offic Act-Response Due 8540P-P00528/01 Pending App No.: 11/853148 App Dt: 11-Sep-2007 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309359

8540P-000528/US Title: Cranking With Deactivated Cylinder For Direct Injection Engines

Client: General Motors Corporation



Indicator

03-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9034 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: MOVE
 Wilsolns, Microsel D

Due Date Action Due Matter Number/Subcase Status

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

03-Jul-2008 Update Status 8540P-P00556/02 Pending *App No.*: 11/968974 *App Dt*: 03-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000080

8540P-000556/US Title: Transmission Upshift Flare Detection And Mitigation Software Algorithm

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

Related Application Disclosure 8540P-P00619/01 Pending App No.: 12/041159 App Dt: 03-Mar-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001653

8540P-000619/US Title: 2-Step Oil Control Valve Failure Diagnositc

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Reminder - Foreign Filing 8540P-P00644/01 Pending *App No.*: 61/018744 *App Dt*: 03-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001928

8540P-000644/US/PS1 Title: LNT Assistance for Enhancing SCR NOx Reduction Over Cold FTP75 Cycle

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9035 of 9672 01-May-2008 31-Jul-2008

Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

03-Jul-2008 Update Status 8540P-P00644/01 Pending App No.: 61/018744 App Dt: 03-Jan-2008

United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P001928 HDP Number:

8540P-000644/US/PS1 Title: LNT Assistance for Enhancing SCR NOx Reduction Over Cold FTP75 Cycle

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

Convert to Reglr-6 Mo Reminder 8540P-P00644/01 App No.: 61/018744 App Dt: 03-Jan-2008 03-Jul-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P001928 HDP Number:

8540P-000644/US/PS1 Title: LNT Assistance for Enhancing SCR NOx Reduction Over Cold FTP75 Cycle

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

03-Jul-2008 Priority document filed? 8540P-P00671/01 Pending App No.: 12/061889 App Dt: 03-Apr-2008 MDW

Pat No.: Reminder United States of America Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002920

8540P-000671/US Title: Method To Enable Direct Injection Of E85 In Flex Fuel Vehicles By Adjusting The Start Of Injection

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02, 2008
 Due: Date List (by Attorney)
 Page: 9036 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEW Ministry Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

03-Jul-2008 Information Disclosure Stmnt 8540P-P00671/01 Pending *App No.*: 12/061889 *App Dt*: 03-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002920

8540P-000671/US Title: Method To Enable Direct Injection Of E85 In Flex Fuel Vehicles By Adjusting The Start Of Injection

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 File Voluntary Amendment 2671-P00004/01 Pending *App No.*: 2005800430210 *App Dt*: 14-Nov-2005 MDW

Due Date F-File Voluntary Amendment China (Peoples Republic) Pat No.: Iss Dt:

HDP Number: Client Reference:

2671-100004/CN/01 Title: Maximum And Minimum Power Limit Calculator For Batteries And Battery Subpacks

Client: COBASYS LLC

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 XOT Office Action 5059-P00080A/01 Published **App No.**: 2005100026500 **App Dt**: 21-Jan-2005 MDW

Final F-Office Action China (Peoples Republic) Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0319.I.CN

5059-100080/CN/01 Title: Interconnect Structure With Wings

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 04-Jul-2008 XOT Ofice Action 5059-P00123/01 Pending App No.: 031563511 App Dt: 04-Sep-2003 MDW

Final F-Office Action China (Peoples Republic) Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0199CN

5059-100123/CN *Title:* Crystal Oscillator Emulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Update Status 5059-P00203/07 Pending **App No.**: 11/713996 **App Dt**: 05-Mar-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0148.C3C1

5059-000203/US/COF Title: DC-Free Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Appeal Due + 3 (NEP) 5059-P00265/02 Pending **App No.**: 11/339049 **App Dt**: 25-Jan-2006 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0393.D1

5059-000265/US/DVA Title: Memory Mapped Register File And Method For Accessing The Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9038 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Action Due

Action Type

5059-P00507/09

Matter Number/Subcase

Status

App No.: 11/981762

Attorneys

04-Jul-2008 Final

Due Date

Indicator

Missing Parts (1st) + 5 (NEP)

United States of America

Pending

Pat No.:

App Dt: 31-Oct-2007

Iss Dt:

Bibliographic Numbers & Dates

MDW

HDP Number:

Client Reference: Client Ref. 1: MP0062.I5C1

Country

5059-000507/US/COL

Title: Method And Apparatus For Recording And Reproducing Digital Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008

3 Mo Offc Act-1st Ext

5059-P00649/02

Published

App No.: 11/541977

App Dt: 02-Oct-2006 MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0954

5059-000649/US

Title: Method For Improved Insitu Spiral Writing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008

Rescind Non-Publication NEP

5059-P00679/02

Pending

App No.: 11/649486

Pat No.:

App Dt: 04-Jan-2007

Iss Dt:

MDW

Final HDP Number: United States of America

Client Reference: Client Ref. 1: MP1035

5059-000679/US

Title: Rate-7/8 Direct-Current Free And Runlength Limited Code

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Update Status

04-Jul-2008

 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9039 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missians, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 11/696476

App Dt: 04-Apr-2007

MDW

Reminder United States of America Pat No.: Iss Dt:

Published

HDP Number: Client Reference: Client Ref. 1: MP1062

5059-000714/US Title: Adaptive Speed Control For MAC-PHY Interfaces

Client: Marvell Semiconductor Inc.

5059-P00714A/02

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Update Status 5059-P00884/02 Pending **App No.:** 11/894435 **App Dt:** 21-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1268

5059-000884/US Title: Copy-Protected Audiovisual Data Delivery

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Related Application Disclosure 5059-P01293/02 Pending **App No.**: 12/041993 **App Dt**: 04-Mar-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1585

5059-001293/US Title: Memory Array Including Phase Change Memory Cell With A Double Finger Transistor

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9040 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Menne D

Due Date Matter Number/Subcase **Action Due** Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

04-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01638/01 Pending App No.: 60/969800 App Dt: 04-Sep-2007 MDW

United States of America Pat No.: Iss Dt: Reminder

Client Reference: Client Ref. 1: MP2138PR HDP Number:

5059-001638/US/PS1 Title: LDO Compensation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01638/01 App No.: 60/969800 App Dt: 04-Sep-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2138PR

5059-001638/US/PS1 Title: LDO Compensation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01639/01 Pending App No.: 60/969809 App Dt: 04-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2143PR

5059-001639/US/PS1 Title: Hardware Efficient Interleaver Design For Turbo Equalization

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9041 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NOW
 Wississ, Michael O

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

04-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01639/01 Pending **App No.**: 60/969809 **App Dt**: 04-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2143PR

5059-001639/US/PS1 Title: Hardware Efficient Interleaver Design For Turbo Equalization

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Update Status 5059-P01837B/01 Pending **App No.**: 61/019053 **App Dt**: 04-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2370PR2

5059-001837/US/PS2 Title: Predictive Method For Tracking Disk Eccentricities

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Reminder - Foreign Filing 5059-P01837B/01 Pending **App No.**: 61/019053 **App Dt**: 04-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2370PR2

5059-001837/US/PS2 Title: Predictive Method For Tracking Disk Eccentricities

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9042 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: MOW Windows Microse D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

04-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01837B/01 Pending **App No.**: 61/019053 **App Dt**: 04-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2370PR2

5059-001837/US/PS2 Title: Predictive Method For Tracking Disk Eccentricities

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Reminder - Foreign Filing 5059-P01854A/01 Pending **App No.**: 61/019046 **App Dt**: 04-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2386PR

5059-001854/US/PS1 Title: Regulation Scheme Based On Adaptive Pumping

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Update Status 5059-P01854A/01 Pending **App No.**: 61/019046 **App Dt**: 04-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2386PR

5059-001854/US/PS1 Title: Regulation Scheme Based On Adaptive Pumping

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9043 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

04-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01854A/01 Pending **App No.**: 61/019046 **App Dt**: 04-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2386PR

5059-001854/US/PS1 Title: Regulation Scheme Based On Adaptive Pumping

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Maintenance Fee-3.5 yr 7287-P00021/01 Granted **App No.**: 10/187880 **App Dt**: 02-Jul-2002 CMB,MDW

Final United States of America Pat No.: 6839600 Iss Dt: 04-Jan-2005

HDP Number: Client Reference:

7287-000021/US Title: Project Organization And Dissemination System For Machine Programming And Control Systems

Client: Entivity, Inc.

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 3 Mo Offic Act-2nd Ext 8540P-P00072/01 Published **App No.**: 10/463167 **App Dt**: 17-Jun-2003 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-302364

8540P-000072/US Title: Diesel Engine Displacement On Demand

Client: General Motors Corporation

Action Due Remarks:



Friday, May 02, 2008 Due Date List (by Attorney)

Country

Page: 9044 of 9672

01-May-2008

Τn

31-Jul-2008

Attorney:

V Viocity, Medice 0

Action Due Matter Number/Subcase

Status

Bibliographic Numbers & Dates

Attorneys

04-Jul-2008

Final Offc Act-1st Appeal Ext

8540P-P00254/01

Unofficial

App No.: 11/234004

App Dt: 23-Sep-2005 MDW

Due Date

Due Date

Indicator

US-Final Office Action

Action Type

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: GP-305781

8540P-000254/US

Title: SCR Catalyst OBDII Diagnostic Via Ammonium Nitrite Decomposition

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Final Offc Act-1st Ext

8540P-P00254/01

Unofficial

App No.: 11/234004

App Dt: 23-Sep-2005 MDW

Due Date

US-Final Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: GP-305781

8540P-000254/US

Title: SCR Catalyst OBDII Diagnostic Via Ammonium Nitrite Decomposition

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008

Final Offc Act-1st Ext

8540P-P00323/01

Unofficial

App No.: 11/375457

App Dt: 14-Mar-2006 MDW

Due Date

US-Final Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: GP-306820

8540P-000323/US

Title: Variable Transmission Calibrations Using Rough Road Detection

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 31-Jul-2008

01-May-2008

Page: 9045 of 9672

Attorneys

MDW

App Dt: 14-Mar-2006

Attorney: Water Metal

Final Offc Act-1st Appeal Ext

04-Jul-2008

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates**

App No.: 11/375457

Unofficial

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-306820

8540P-000323/US Title: Variable Transmission Calibrations Using Rough Road Detection

Client: General Motors Corporation

8540P-P00323/01

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 1 Month Office Action-4th ext. 8540P-P00455A/01 App No.: 12/013699 App Dt: 14-Jan-2008 MDW Pending

Due Date US-1 Month Response United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-308513 HDP Number:

8540P-000455/US Title: Use Of Torque Model At Virtual Engine Conditions

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 3 Mo Offc Act-Response Due 8540P-P00489/02 Unofficial App No.: 11/829246 App Dt: 27-Jul-2007 MDW

United States of America Due Date US-3 Month Office Action Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309092

8540P-000489/US Title: LAVA Service Indicator: Percent Throttle Bosy Coked

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

04-Jul-2008 Information Disclosure Stmnt 8540P-P00525/02 Pending **App No.**: 12/062920 **App Dt**: 04-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309240-PTE-CD

8540P-000525/US Title: Method To Synchronize And Control Valvetrain Lift Solenoids

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Priority document filed? 8540P-P00525/02 Pending **App No.:** 12/062920 **App Dt:** 04-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309240-PTE-CD

8540P-000525/US Title: Method To Synchronize And Control Valvetrain Lift Solenoids

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Reminder - Foreign Filing 8540P-P00573A/01 Pending *App No.*: 61/018956 *App Dt*: 04-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000885

8540P-000573/US/PS1 Title: Component Vibration Based Cylinder Deactivation Control System And Method

Client: General Motors Corporation

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

04-Jul-2008 Convert to Regir-6 Mo Reminder 8540P-P00573A/01 Pending **App No.:** 61/018956 **App Dt**: 04-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000885

8540P-000573/US/PS1 Title: Component Vibration Based Cylinder Deactivation Control System And Method

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Update Status 8540P-P00573A/01 Pending **App No.**: 61/018956 **App Dt**: 04-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000885

8540P-000573/US/PS1 Title: Component Vibration Based Cylinder Deactivation Control System And Method

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Priority document filed? 8540P-P00728/01 Pending **App No.**: 12/062918 **App Dt**: 04-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004068

8540P-000728/US

Title: Valvetrain Control Systems For Internal Combustion Engines With Multiple Intake And Exhaust Timing Based Lift

Modes

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9048 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Ministration (MOW)

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

04-Jul-2008 Information Disclosure Stmnt 8540P-P00728/01 Pending *App No.*: 12/062918 *App Dt*: 04-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004068

8540P-000728/US Title: Valvetrain Control Systems For Internal Combustion Engines With Multiple Intake And Exhaust Timing Based Lift

Modes

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Priority document filed? 8540P-P00729/01 Pending **App No.**: 12/062938 **App Dt**: 04-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004069

8540P-000729/US Title: Valvetrain Control Systems For Internal Combustion Engines With Time And Event Based Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Information Disclosure Stmnt 8540P-P00729/01 Pending **App No.**: 12/062938 **App Dt**: 04-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004069

8540P-000729/US Title: Valvetrain Control Systems For Internal Combustion Engines With Time And Event Based Control

Client: General Motors Corporation

Action Due Remarks:



Friday, May 02; 2008 Due Date List (by Attorney) Page: 9049 of: 9672
01-May-2008 To 31-Jul-2008
Attorney: NOW Wiscons Microsol D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

04-Jul-2008 Priority document filed? 8540P-P00730/01 Pending **App No.:** 12/062890 **App Dt:** 04-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004070

8540P-000730/US Title: Valvetrain Control Systems With Different Intake And Exhaust Leading Modes And Independent Lift Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Information Disclosure Stmnt 8540P-P00730/01 Pending **App No.**: 12/062890 **App Dt**: 04-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004070

8540P-000730/US Title: Valvetrain Control Systems With Different Intake And Exhaust Leading Modes And Independent Lift Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

04-Jul-2008 Information Disclosure Stmnt 8540P-P00731/01 Pending *App No.*: 12/062869 *App Dt*: 04-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004071

8540P-000731/US Title: Valvetrain Control Systems With Lift Mode Transitioning Based Engine Synchronization Timing And Sensor Based

Lift Mode Control

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9050 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Mandates Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

04-Jul-2008 Priority document filed? 8540P-P00731/01 Pending **App No.**: 12/062869 **App Dt**: 04-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004071

8540P-000731/US Title: Valvetrain Control Systems With Lift Mode Transitioning Based Engine Synchronization Timing And Sensor Based

Lift Mode Control

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

05-Jul-2008 Update Status 5059-P00148/02 Published **App No.**: 11/243710 **App Dt**: 05-Oct-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0106.C1D1

5059-000148/US/DVB *Title:* VLAN Protocol

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

05-Jul-2008 Request for Rectification 5059-P00350/01 Published **App No.:** PCT/US2007/010418 **App Dt:** 30-Apr-2007 MDW

Due Date Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0708.WO

5059-000350/WO/POA Title: Network Device For Implementing Multiple Access Points And Multiple Client Stations

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:



05-Jul-2008

 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9051 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missing, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates

Pending App No.: 11/263186 App Dt: 31-Oct-2005 MDW

Attorneys

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0756

3 Mo Offc Act-1st Ext

5059-000354/US Title: Dynamic Synchronization Of Timing Signals

Client: Marvell Semiconductor Inc.

5059-P00354/01

Action Due Remarks:

Due Date Remarks:

05-Jul-2008 Missing Parts (1st) + 5 (NEP) 5059-P00507/06 Pending **App No.:** 11/981601 **App Dt:** 31-Oct-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0062.I2C1

5059-000507/US/COI Title: Method And Apparatus For Recording And Reproducing Digital Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

05-Jul-2008 Rescind Non-Publication NEP 5059-P00537/02 Pending *App No.*: 11/650052 *App Dt*: 05-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0135.C1

5059-000537/US/COA Title: Method And Apparatus For Autonegotiation Between Network Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9052 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

05-Jul-2008 Rescind Non-Publication NEP 5059-P00683/01 Pending **App No.:** 11/649982 **App Dt**: 05-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0937

5059-000683/US Title: System And Method For A DDR SDRAM Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

05-Jul-2008 Prefiled Status 5059-P01515/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2014

5059-001515/US *Title:* Application Of Per-Tone Equalization Of OFDMA System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

05-Jul-2008 Prefiled Status 5059-P01516/01 Unfiled *App No.*: *App Dt*: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2017

5059-001516/US Title: Differential Phase Detection For Optical Storage

Client: Marvell Semiconductor Inc.

Action Due Remarks:



05-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9053 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status **Action Type**

Indicator Country **Bibliographic Numbers & Dates** Attorneys

MDW

Convert to Regular NEP Pending App No.: 60/948068 App Dt: 05-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2017PR HDP Number:

5059-001516/US/PS1 Title: Differential Phase Detection For Optical Storage

Client: Marvell Semiconductor Inc.

5059-P01516A/01

Action Due Remarks:

Due Date Remarks:

05-Jul-2008 Foreign Filing Deadline NEP 5059-P01516A/01 App No.: 60/948068 App Dt: 05-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2017PR HDP Number:

5059-001516/US/PS1 Title: Differential Phase Detection For Optical Storage

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

05-Jul-2008 3 Mo Offc Act-2nd Ext 8540P-P00268/01 Pending App No.: 11/560997 App Dt: 17-Nov-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-305956

8540P-000268/US Title: Liquid Fuel Purge Detection Algorithm

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9054 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

05-Jul-2008 Related Application Disclosure 8540P-P00711/02 Pending **App No.**: 12/042615 **App Dt**: 05-Mar-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P003188

8540P-000711/US *Title:* Flexible Controller Inputs

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

05-Jul-2008 Update Status 8932B-P00160/01 Published **App No.:** 11/101371 **App Dt:** 07-Apr-2005 MPB,MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: DRI-04-002/US/1

8932B-000160/US Title: Local And Distributed Systems For Coupling Automation Design

Client: Kop-Flex, Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 3 Mo Offic Act-2nd Ext 5059-P00055/03 Unofficial **App No.**: 11/334030 **App Dt**: 18-Jan-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0219.C2

5059-000055/US/COB Title: Low Power And High Accuracy Band Gap Voltage Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9055 of 9672 01-May-2008 31-Jul-2008 Attorney:

Action Type Country

Indicator **Bibliographic Numbers & Dates** Attorneys

MDW

06-Jul-2008 Missing Parts (1st) + 5 (NEP) 5059-P00086/06 Pending App No.: 11/981671 App Dt: 31-Oct-2007

Status

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0185.EAF HDP Number:

5059-000086/US/CPM Title: Output Regulator

Client: Marvell Semiconductor Inc.

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Registration Fees - 2 weeks 5059-P00154/01 App No.: 050084144 App Dt: 18-Apr-2005 Pending MDW

Reminder F-Registration Fees Pat No.: Iss Dt: **European Patent Convention**

Client Reference: Client Ref. 1: MP0481EP HDP Number:

5059-100154/EP Title: Voltage Regulator Feedback Protection Method And Apparatus

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Update Status 5059-P00190/02 Pending App No.: 11/101047 App Dt: 06-Apr-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0586 HDP Number:

5059-000190/US Title: Diffusion Bucket Scheduler For Wireless Network Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date

Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 06-Jul-2008
 Official Communication
 5059-P00392/01
 Published
 App No.: 060241411
 App Dt: 21-Nov-2006

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP0847EP

5059-100392/EP Title: Pipelined Analog-To-Digital Converters

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks: Extension Avail

06-Jul-2008 3 Mo Offic Act-2nd Ext 5059-P00445/01 Pending **App No.**: 10/686151 **App Dt:** 15-Oct-2003 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0798

5059-000445/US Title: System And Method For Using Tap Controllers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 3 Mo Offic Act-2nd Ext 5059-P00531/03 Pending *App No.*: 11/732010 *App Dt*: 02-Apr-2007 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0113.C1

5059-000531/US/COA Title: Method And Apparatus For Detecting And Supplying Power By A First Network Device To A Second Network

Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9057 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MY00819, Milesser 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

06-Jul-2008 Official Communication Due 5059-P00585/02 Published *App No.:* 070007893 *App Dt:* 16-Jan-2007

Due Date Official Communication European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP0868.C1EP

5059-100585/EP/01 Title: Variable Power Adaptive Transmitter

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks: Extension Available

06-Jul-2008 Official Communication 5059-P00605/01 Published **App No.**: 060246527 **App Dt**: 28-Nov-2006 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0887EP

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks: Extension Available

06-Jul-2008 28 Mo National Stage Reminder 5059-P00661/01 Published **App No.**: PCT/US2007/005616 **App Dt**: 06-Mar-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1017/WO

5059-000661/WO/POA Title: Method For Measuring Actuator Velocity During Self-Servo-Write

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9058 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

06-Jul-2008 Check if IPER received 5059-P00661/01 Published **App No.**: PCT/US2007/005616 **App Dt**: 06-Mar-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1017/WO

5059-000661/WO/POA Title: Method For Measuring Actuator Velocity During Self-Servo-Write

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Prefiled Status 5059-P00800/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1177

5059-000800/US Title: Using An External Signal(s) That Is Not TEST_SE, To Control Clock Gate Cells During Scan Testing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Foreign Filing Deadline NEP 5059-P00886/01 Published **App No.**: 11/825556 **App Dt**: 06-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1270

5059-000886/US Title: Packet Sampling Using Rate Limiting Mechanisms

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9059 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Metal

Status

Pending

Action Due

Action Type

App No.: PCT/US2007/025027

Bibliographic Numbers & Dates

App Dt: 06-Dec-2007 MDW

Attorneys

06-Jul-2008 Reminder

Due Date

Indicator

19 Mo National Stage Reminder

5059-P01101/01 Patent Cooperation Treaty

Matter Number/Subcase

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1589.WO

Country

5059-001101/WO/POA

Title: Plug-In Vehicle

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19 Mo Chap II Demand NEP 06-Jul-2008

5059-P01101/01

Pending

App No.: PCT/US2007/025027

App Dt: 06-Dec-2007 MDW

Final

Patent Cooperation Treaty

HDP Number:

Client Reference: Client Ref. 1: MP1589.WO

5059-001101/WO/POA

Title: Plug-In Vehicle

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Prefiled Status 5059-P01517/02

Unfiled

App No.: Pat No.:

Pat No.:

App Dt:

Iss Dt:

MDW

Reminder

United States of America

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2018

5059-001517/US

Title: Multilevel Coset Coding And Probabilistic Hard Decoding For Flash Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

06-Jul-2008 Foreign Filing Deadline NEP 5059-P01517/01 Pending *App No.*: 60/948302 *App Dt*: 06-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2018PR

5059-001517/US/PS1 Title: Multilevel Coset Coding And Probabilistic Hard Decoding For Flash Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Regular NEP 5059-P01517/01 Pending *App No.*: 60/948302 *App Dt*: 06-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2018PR

5059-001517/US/PS1 Title: Multilevel Coset Coding And Probabilistic Hard Decoding For Flash Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Prefiled Status 5059-P01518/02 Unfiled **App No.**: **App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2019

5059-001518/US Title: Exploiting Doppler Reciprocity for Detecting Forward Link Channel Variation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9061 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Missians, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 06-Jul-2008
 Foreign Filing Deadline NEP
 5059-P01518/01
 Pending
 App No.: 60/948304
 App Dt: 06-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2019PR

5059-001518/US/PS1 Title: Exploiting Doppler Reciprocity for Detecting Forward Link Channel Variation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Regular NEP 5059-P01518/01 Pending **App No.**: 60/948304 **App Dt**: 06-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2019PR

5059-001518/US/PS1 Title: Exploiting Doppler Reciprocity for Detecting Forward Link Channel Variation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Foreign Filing Deadline NEP 5059-P01519/01 Pending *App No.*: 60/948405 *App Dt*: 06-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2020PR

5059-001519/US/PS1 Title: Bipolar Transistors, Non-Volatile Memory Cells And Arrays In CMOS Logic And Method For Making The Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:



06-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9062 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Mandates Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates

5059-P01519/01 Pending *App No.*: 60/948405 *App Dt*: 06-Jul-2007 MDW

Attorneys

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2020PR

Convert to Regular NEP

5059-001519/US/PS1 Title: Bipolar Transistors, Non-Volatile Memory Cells And Arrays In CMOS Logic And Method For Making The Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01552/01 Pending **App No.**: 60/954152 **App Dt**: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2053PR

5059-001552/US/PS1 Title: Method And Apparatus To Control The Write Performance And Data Integrity Of Optical Discs By Monitoring The

Read Signal Of One Of The Satellite Spot During Writing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to RegIr-1 Mo Reminder 5059-P01552/01 Pending App No.: 60/954152 App Dt: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2053PR

5059-001552/US/PS1 Title: Method And Apparatus To Control The Write Performance And Data Integrity Of Optical Discs By Monitoring The

Read Signal Of One Of The Satellite Spot During Writing

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9063 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

06-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01568/01 Pending **App No.**: 60/954133 **App Dt**: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2067PR

5059-001568/US/PS1 Title: Solution To Reuse The Static Data When Patching The Code In ROM Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01568/01 Pending **App No.**: 60/954133 **App Dt**: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2067PR

5059-001568/US/PS1 Title: Solution To Reuse The Static Data When Patching The Code In ROM Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01569/01 Pending **App No.**: 60/954127 **App Dt**: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2068PR

5059-001569/US/PS1 Title: Alignment Matrix In memcpy Optimization

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 06-Jul-2008
 Foreign Filing - 1 Mo Reminder
 5059-P01569/01
 Pending
 App No.: 60/954127
 App Dt: 06-Aug-2007

 Reminder
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2068PR

5059-001569/US/PS1 *Title:* Alignment Matrix In memcpy Optimization

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01570/01 Pending **App No.:** 60/954130 **App Dt**: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2069PR

5059-001570/US/PS1 Title: Clock Doubler With Duty-Cycle Correction

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01570/01 Pending *App No.*: 60/954130 *App Dt*: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2069PR

5059-001570/US/PS1 *Title:* Clock Doubler With Duty-Cycle Correction

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Page: 9065 of 9672

Due Date List (by Attorney)

Page: 9065 of 9672

O1-May-2008

To 31-Jul-2008

Attorney: State St

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

06-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01571/01 Pending **App No.**: 60/954123 **App Dt**: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2070PR

5059-001571/US/PS1 Title: PDN Specific IP Addressing Solutions With Network- Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to RegIr-1 Mo Reminder 5059-P01571/01 Pending **App No.:** 60/954123 **App Dt:** 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2070PR

5059-001571/US/PS1 Title: PDN Specific IP Addressing Solutions With Network- Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01573/01 Pending *App No.*: 60/954125 *App Dt*: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2072PR

5059-001573/US/PS1 Title: BCH Decoding Scheme In 3GPP LTE

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9066 of 9672 01-May-2008 31-Jul-2008

Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

06-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01573/01 Pending App No.: 60/954125 App Dt: 06-Aug-2007 MDW

United States of America Iss Dt: Reminder Pat No.:

Client Reference: Client Ref. 1: MP2072PR HDP Number:

5059-001573/US/PS1 Title: BCH Decoding Scheme In 3GPP LTE

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01574/01 **App No.:** 60/954119 App Dt: 06-Aug-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2073PR HDP Number:

5059-001574/US/PS1 Title: Dynamic IP Addressing Solutions With Network-Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01574/01 Pending App No.: 60/954119 App Dt: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2073PR

5059-001574/US/PS1 Title: Dynamic IP Addressing Solutions With Network-Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

06-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01575/01 Pending **App No.**: 60/954113 **App Dt**: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2074PR

5059-001575/US/PS1 Title: Increasing The Robustness Of Channel Estimates Derived Through Sounding For WLAN

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01575/01 Pending **App No.:** 60/954113 **App Dt:** 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2074PR

5059-001575/US/PS1 Title: Increasing The Robustness Of Channel Estimates Derived Through Sounding For WLAN

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01576/01 Pending **App No.**: 60/954116 **App Dt**: 06-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2075PR

5059-001576/US/PS1 Title: Acceleration Engine For Managing Buffers

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9068 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Wheelers Micross D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

ndicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 06-Jul-2008
 Convert to Regir-1 Mo Reminder
 5059-P01576/01
 Pending
 App No.: 60/954116
 App Dt: 06-Aug-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2075PR

5059-001576/US/PS1 Title: Acceleration Engine For Managing Buffers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01640/01 Pending **App No.**: 60/970348 **App Dt**: 06-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2144PR

5059-001640/US/PS1 Title: SSCH Mapping To Group ID And Frame Timing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01640/01 Pending *App No.*: 60/970348 *App Dt*: 06-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2144PR

5059-001640/US/PS1 Title: SSCH Mapping To Group ID And Frame Timing

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9069 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

06-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01641/01 Pending *App No.*: 60/970343 *App Dt*: 06-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2145PR

5059-001641/US/PS1 Title: Power-On-Reset Generator Using A Voltage Shaping Inverter Chain

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01641/01 Pending *App No.*: 60/970343 *App Dt*: 06-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2145PR

5059-001641/US/PS1 Title: Power-On-Reset Generator Using A Voltage Shaping Inverter Chain

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 3 Mo Offic Act-1st Ext 8540P-P00260/01 Pending **App No.**: 11/209427 **App Dt:** 23-Aug-2005 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-305955

8540P-000260/US Title: Electrical Diesel Particulate Filter (DPF) Regeneration

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9070 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

06-Jul-2008 English Translation (Prov App) 8540P-P00547/01 Unofficial **App No.:** 60/893262 **App Dt:** 06-Mar-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001077

8540P-000547/US/PS1 Title: Hybrid Powertrain Torque Control

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

06-Jul-2008 Related Application Disclosure 8540P-P00567/02 Pending **App No.**: 12/043211 **App Dt**: 06-Mar-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000689

8540P-000567/US Title: Turbocharger Protection Systems And Methods

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

06-Jul-2008 Related Application Disclosure 8540P-P00612/01 Pending **App No.**: 12/043241 **App Dt**: 06-Mar-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001406

8540P-000612/US Title: Perturbation Control Strategy For Low-Temperature Urea SCR NOX Reduction

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9071 of 9672 01-May-2008 31-Jul-2008 Water Metal Attorney:

Due Date Action Due

Matter Number/Subcase **Action Type** Country

Status

Bibliographic Numbers & Dates

Attorneys

07-Jul-2008

Indicator

English Translation Due

15109-P00001/02

Pending

App No.: 12/044286

App Dt: 07-Mar-2008

Reminder

United States of America

Pat No.:

Iss Dt:

MDW

HDP Number:

Client Reference:

15109-000001/US

Title: Substrate Such As Paving Brick With Non-Powered Luminescent Insert

Client: Birmingham Glass & Mirror, Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008

Office Action Due

3174-P00020/01

Pending

App No.: 200510000302X

App Dt: 06-Jan-2005 MPB,MDW,JSB

Due Date

F-Office Action

China (Peoples Republic)

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: EMC-03-003/CN/1

3174-100020/CN

Title: Low Cost Surge Protection Client: Emerson Motor Company

Action Due Remarks:

Due Date Remarks: Extension Available

07-Jul-2008

Update Status

5059-P00016/03

Pending

App No.: 11/400457

App Dt: 07-Apr-2006 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0121.C1

5059-000016/US/COB

Title: Ethernet Automatic Fiber/Copper Media Selection Logic

Client: Marvell Semiconductor Inc.

Action Due Remarks:



HDP Number:

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9072 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

App No.: 11/495813

App Dt: 28-Jul-2006

MDW

Published

Due Date United States of America **US-Restriction Requirement** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0094.12

Rst Requirement-2nd Ext

5059-000026/US/CPD Title: Apparatus And Method For A Nested Transimpedance Amplifier

Client: Marvell Semiconductor Inc.

5059-P00026/06

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 XOT Office Action 5059-P00086/05 **Published** App No.: 2004100889233 App Dt: 10-Jul-2003 MDW

Final F-Office Action Pat No.: Iss Dt: China (Peoples Republic)

Client Reference: Client Ref. 1: MP0185WO.CN HDP Number:

5059-100086/CN/05 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

07-Jul-2008 Update Status 5059-P00162/01 Unofficial App No.: 10/942761 App Dt: 16-Sep-2004 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0514

5059-000162/US

Title: Adaptive Analog Echo/Next Cancellation

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Prefiled Status

07-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9073 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

App No.:

MDW

App Dt:

Reminder United States of America Pat No.: Iss Dt:

Unfiled

HDP Number: Client Reference: Client Ref. 1: MP0489

5059-000168/US Title: Effect Of Carrier Frequency Offset On Time-Domain Differential Demodulation In OFDM Systems

Client: Marvell Semiconductor Inc.

5059-P00168/01

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Prefiled Status 5059-P00169/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0486

5059-000169/US Title: Effect Of Carrier Frequency Offset On OFDM Systems For Multipath Fading Channels

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Prefiled Status 5059-P00170/02 Unfiled **App No.**: **App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0487

5059-000170/US Title: Effect Of Carrier Frequency Offset On Frequency-Domain Differential Demodulation in OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9074 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

07-Jul-2008 Registration Fees - 1 month 5059-P00223/02 **Published** App No.: 060063088 App Dt: 27-Mar-2006 Iss Dt:

F-Registration Fees Reminder **European Patent Convention** Pat No.: HDP Number: Client Reference: Client Ref. 1: MP0627EP01

5059-100223/EP/01 Title: Control System For Fluorescent Light Fixture

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Translation Due - 1 month

07-Jul-2008

5059-P00223/02

Published

App No.: 060063088

App Dt: 27-Mar-2006 MDW

MDW

Reminder F-Translation **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0627EP01

5059-100223/EP/01 Title: Control System For Fluorescent Light Fixture

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Missing Parts-2nd Ext 07-Jul-2008

5059-P00255/03

Pending

App No.: 12/069568

App Dt: 11-Feb-2008 MDW

Due Date **US-Missing Parts** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0628.C1

5059-000255/US/COA Title: Digitally Controlled Oscillator And Associated Method

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

MDW

 07-Jul-2008
 Update Status
 5059-P00351/02
 Pending
 App No.: 11/400476
 App Dt: 07-Apr-2006

 Reminder
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0763

5059-000351/US Title: Erasure Forecasting And Error-Correction Strateties

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Drawing/Formality-3 Mo Final 5059-P00355/01 Pending **App No.**: 11/337360 **App Dt**: 23-Jan-2006 MDW

Final US-Notce Allowability-Drawings United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0764

5059-000355/US *Title:* Disk Drive Servo Control Using Sprials

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00355/01 Pending **App No.**: 11/337360 **App Dt**: 23-Jan-2006 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0764

5059-000355/US Title: Disk Drive Servo Control Using Sprials

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9076 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NDW Windows Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

Pending

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0764

5059-000355/US Title: Disk Drive Servo Control Using Sprials

Client: Marvell Semiconductor Inc.

5059-P00355/01

Action Due Remarks:

Due Date Remarks:

Issue Fee Due-Final

07-Jul-2008

07-Jul-2008

5059-000389/WO/POA

28 Mo National Stage Reminder 5059-P00389/01 Published App No.: PCT/US2007/005620 App Dt: 06-Mar-2007 MDW

App No.: 11/337360

App Dt: 23-Jan-2006

MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0841/WO

5059-000389/WO/POA *Title:* Personal Lifestyle Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Check if IPER received 5059-P00389/01 Published **App No.**: PCT/US2007/005620 **App Dt**: 06-Mar-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0841/WO

Official Manual Construential Inc

Client: Marvell Semiconductor Inc.

Title: Personal Lifestyle Device

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9077 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Wississ, Bichsel 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 07-Jul-2008
 Update Status
 5059-P00438/01
 Published
 App No.: 11/099746
 App Dt: 06-Apr-2005

 Reminder
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0792

5059-000438/US Title: Method And System For Read Gate Timing Control For Storage Controllers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Update Status 5059-P00442/02 Pending **App No.**: 11/975792 **App Dt**: 22-Oct-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0795.C1

5059-000442/US/COA Title: System And Method For Concatenating Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Prefiled Status 5059-P00801/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1163

5059-000801/US Title: High-Performance, Low-Latency Hardware Implementation Of JBIG Codec

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9078 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: MOW Windows Microse D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

07-Jul-2008Prefiled Status5059-P00802/02UnfiledApp No.:App No.:App Dt:ReminderUnited States of AmericaPat No.:Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1178

5059-000802/US Title: Decreased Scan Test Time By Locking Data Into The Slow Clock Scan Elements

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Prefiled Status 5059-P00803/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1179

5059-000803/US Title: Judicious Use Of RDL Enables Low-Cost BGA Substrate

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01408A/01 Pending **App No.**: 60/954432 **App Dt**: 07-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1903PR

5059-001408/US/PS1 Title: Internal Pages For Printers

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9079 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NOW
 Windows Microsoft

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

ndicator Action Type Country Bibliographic Numbers & Dates Attorneys

07-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01408A/01 Pending **App No.**: 60/954432 **App Dt**: 07-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1903PR

5059-001408/US/PS1 *Title:* Internal Pages For Printers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Convert to RegIr-1 Mo Reminder 5059-P01577/01 Pending **App No.**: 60/954438 **App Dt**: 07-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2076PR

5059-001577/US/PS1 Title: Static Power Profiler For Efficient Power Scaling In An Embedded System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01577/01 Pending **App No.**: 60/954438 **App Dt**: 07-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2076PR

5059-001577/US/PS1 Title: Static Power Profiler For Efficient Power Scaling In An Embedded System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02: 2008
 Due Date List (by Attorney)
 Page: 9080 of 9672

 01-May-2008
 To 31-Jul-2008

Attorney: MOW Windows Microsic D

Action Due

Due Date

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

Status

 07-Jul-2008
 Convert to RegIr-1 Mo Reminder
 5059-P01578/01
 Pending
 App No.: 60/954445
 App Dt: 07-Aug-2007

 Reminder
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2077PR

5059-001578/US/PS1 Title: Reduction Of Interference Among Managed Network Signals Received By User Equipment

Matter Number/Subcase

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01578/01 Pending **App No.**: 60/954445 **App Dt**: 07-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2077PR

5059-001578/US/PS1 Title: Reduction Of Interference Among Managed Network Signals Received By User Equipment

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01579/01 Pending **App No.**: 60/954451 **App Dt**: 07-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2078PR

5059-001579/US/PS1 Title: A Method Implementing Mouse Like Functionality On Handheld Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9081 of 9672 01-May-2008 31-Jul-2008 Attorney:

Action Type

Action Due

Matter Number/Subcase

Country

Status

Bibliographic Numbers & Dates

Attorneys

07-Jul-2008

Foreign Filing - 1 Mo Reminder

5059-P01579/01

Pending

App No.: 60/954451

Pat No.:

App Dt: 07-Aug-2007

Iss Dt:

Iss Dt:

MDW

Reminder HDP Number:

Due Date

Indicator

Client Reference: Client Ref. 1: MP2078PR

United States of America

5059-001579/US/PS1

Title: A Method Implementing Mouse Like Functionality On Handheld Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Convert to Reglr-1 Mo Reminder

5059-P01580/01

Pending

App No.: 60/954463

Pat No.:

App Dt: 07-Aug-2007 MDW

Reminder

HDP Number:

United States of America

Client Reference: Client Ref. 1: MP2079PR

5059-001580/US/PS1

Title: Architecture For A Handheld Ink Jet Printer Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008

Foreign Filing - 1 Mo Reminder

5059-P01580/01

Pending

App No.: 60/954463

App Dt: 07-Aug-2007 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2079PR

5059-001580/US/PS1

Title: Architecture For A Handheld Ink Jet Printer Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9082 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NEW Windows Nicoses D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

07-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01581/01 Pending **App No.**: 60/954473 **App Dt**: 07-Aug-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2080PR

5059-001581/US/PS1 Title: A General Method For Correcting Systematic Errors In Discrete Measurement Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01581/01 Pending **App No.**: 60/954473 **App Dt**: 07-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2080PR

5059-001581/US/PS1 Title: A General Method For Correcting Systematic Errors In Discrete Measurement Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01582/01 Pending *App No.*: 60/954476 *App Dt*: 07-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2081PR

5059-001582/US/PS1 Title: Method For Eliminating Motion Induced Offsets In A Non-Rectilinear Printer

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9083 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Mississ Micross 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

07-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01582/01 Pending **App No.**: 60/954476 **App Dt**: 07-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2081PR

5059-001582/US/PS1 Title: Method For Eliminating Motion Induced Offsets In A Non-Rectilinear Printer

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01642/01 Pending **App No.**: 60/970637 **App Dt**: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2146PR

5059-001642/US/PS1 *Title:* Coexistence-TRSwitch Module

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01642/01 Pending *App No.*: 60/970637 *App Dt*: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2146PR

5059-001642/US/PS1 Title: Coexistence-TRSwitch Module

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9084 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

Status

07-Jul-2008 Convert to Regr-10 Mo Reminder Pending App No.: 60/970640 App Dt: 07-Sep-2007 United States of America Pat No.: Iss Dt: Reminder

Client Reference: Client Ref. 1: MP2147PR HDP Number:

Matter Number/Subcase

5059-001643/US/PS1 Title: Coexistence-BCA Sleep State

Client: Marvell Semiconductor Inc.

5059-P01643/01

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01643/01 App No.: 60/970640 App Dt: 07-Sep-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2147PR HDP Number:

5059-001643/US/PS1 Title: Coexistence-BCA Sleep State

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01644/01 Pending **App No.:** 60/970642 App Dt: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2148PR HDP Number:

5059-001644/US/PS1 Title: Coexistence-BT+WiFi+WiMax Arbitration Function

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 07-Jul-2008
 Foreign Filing--10 Mo Reminder
 5059-P01644/01
 Pending
 App No.: 60/970642
 App Dt: 07-Sep-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2148PR

5059-001644/US/PS1 Title: Coexistence-BT+WiFi+WiMax Arbitration Function

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01645/01 Pending **App No.**: 60/970646 **App Dt**: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2149PR

5059-001645/US/PS1 Title: Coexistence-BCA Decision Enhancements

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01645/01 Pending *App No.*: 60/970646 *App Dt*: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2149PR

5059-001645/US/PS1 *Title:* Coexistence-BCA Decision Enhancements

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9086 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW
 Whother Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

07-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01646/01 Pending **App No.**: 60/970744 **App Dt**: 07-Sep-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2150PR

5059-001646/US/PS1 Title: Download Test Code Through Serial Flash Interface Into Memory-Based CPU To Perform Self-Test

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01646/01 Pending **App No.**: 60/970744 **App Dt**: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2150PR

5059-001646/US/PS1 Title: Download Test Code Through Serial Flash Interface Into Memory-Based CPU To Perform Self-Test

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01647/01 Pending **App No.:** 60/970746 **App Dt:** 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2151PR

5059-001647/US/PS1 Title: Communication Definition For Self- Test PASS/FAIL/INFO Indication

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9087 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Missians, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

07-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01647/01 Pending **App No.**: 60/970746 **App Dt**: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2151PR

5059-001647/US/PS1 Title: Communication Definition For Self- Test PASS/FAIL/INFO Indication

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01648/01 Pending **App No.**: 60/970753 **App Dt**: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2152PR

5059-001648/US/PS1 Title: Minimum/Nominal/Maximum Power Supply Design During Self-Test Mode

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01648/01 Pending **App No.**: 60/970753 **App Dt**: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2152PR

5059-001648/US/PS1 Title: Minimum/Nominal/Maximum Power Supply Design During Self-Test Mode

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9088 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Wissiass Bicknet 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

07-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01649/01 Pending *App No.*: 60/970758 *App Dt*: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2153PR

5059-001649/US/PS1 Title: Massive Production Using DUTs' Self-Test Mode

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01649/01 Pending **App No.**: 60/970758 **App Dt**: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2153PR

5059-001649/US/PS1 Title: Massive Production Using DUTs' Self-Test Mode

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Update Status 8540P-P00312/01 Pending *App No.*: 11/219412 *App Dt*: 02-Sep-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-306405

8540P-000312/US Title: Closed Loop A/F Ratio Control For Diesel Engines Using An Oxygen Sensor

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9089 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Wissiass Bichnel D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

07-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00525/01 Unofficial *App No.*: 60/993047 *App Dt*: 07-Sep-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309240

8540P-000525/US/PS1 Title: Method To Synchronize And Control Valvetrain Lift Solenoids

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00525/01 Unofficial **App No.**: 60/993047 **App Dt**: 07-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309240

8540P-000525/US/PS1 Title: Method To Synchronize And Control Valvetrain Lift Solenoids

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

07-Jul-2008 English Translation Due 8540P-P00555/02 Pending **App No.**: 12/044303 **App Dt**: 07-Mar-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000653

8540P-000555/US Title: Use Of An NH3 Sensor To Control NH3 Slip Form An SCR Catalyst And Correct The NH3 Storage Model

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9090 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

2671-P00002/05

Bibliographic Numbers & Dates Attorneys

MDW

1 Month Response-2nd ext. App No.: 11/301750 App Dt: 13-Dec-2005 Due Date **US-1 Month Response** United States of America Pat No.: Iss Dt:

Published

HDP Number: Client Reference:

08-Jul-2008

2671-000002/US/CPB Title: Battery State Of Charge Algorithm

Client: COBASYS LLC

Action Due Remarks: Due Date Remarks:

08-Jul-2008 3174-P00017/01 App No.: 1020057000191 App Dt: 08-Jul-2003 MPB,MDW,JSB Request Exam Pending

Final Pat No.: Iss Dt: Korea, Republic of

Client Reference: Client Ref. 1: EMC-02-047/KR/1 HDP Number:

3174-100017/KR/01 Title: Interconnecting Method for Segmented Stator Electric Machines

Client: Emerson Motor Company

Action Due Remarks: Due Date Remarks:

08-Jul-2008 Request Exam 3174-P00018/01 Pending App No.: 1020057000192 App Dt: 08-Jul-2003 MPB,MDW,JJC

Final Pat No.: Iss Dt: Korea, Republic of

Client Reference: Client Ref. 1: EMC-02-001/KR/1 HDP Number:

3174-100018/KR/01 Title: Interconnecting Ring And Wire Guide

Client: Emerson Motor Company

Action Due Remarks: Due Date Remarks:



HDP Number:

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9091 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

Request Exam Granted App No.: PAa2004012773 App Dt: 08-Jul-2003 MPB,MDW,JJC Mexico

Final Pat No.: 241850 Iss Dt: 09-Nov-2006

3174-100018/MX/01 Title: Interconnecting Ring And Wire Guide

Client: Emerson Motor Company

Client Reference: Client Ref. 1: EMC-02-001/MX/1

3174-P00018/01

Action Due Remarks: Due Date Remarks:

08-Jul-2008 Request for Rectification 5059-P00081A/01 **Published** App No.: PCT/US2007/011207 App Dt: 08-May-2007 MDW

Due Date Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0320.C1I1WO

5059-000081/WO/POF Title: Efficient Transistor Structure

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

08-Jul-2008 Final Offc Act-2nd Ext 5059-P00125A/01 Pending App No.: 10/754187 App Dt: 08-Jan-2004 MDW

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0400.I

5059-000125/US/CPA Title: Digital Low Dropout Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Friday, May 02; 2008 Due Date List (by Attorney) Page: 9092 of 9672
01-May-2008 To 31-Jul-2008
Attorney: 150/4 Wissins Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

App No.: 10/754187

App Dt: 08-Jan-2004

MDW

Pending

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0400.I

5059-000125/US/CPA Title: Digital Low Dropout Regulator

Final Offc Act-2nd Appeal Ext

Client: Marvell Semiconductor Inc.

5059-P00125A/01

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Office Action Due - 2 weeks 5059-P00156/04 Pending **App No.:** 050106731 **App Dt:** 17-May-2005 MDW

Due Date F-Office Action European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0525.D3.EP

5059-100156/EP/03 Title: Adaptive Storage System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Final Offic Act- Response Due 5059-P00178A/01 Pending **App No.**: 10/990231 **App Dt**: 16-Nov-2004 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0168.l1

5059-000178/US/CPA Title: Network Switch Using And Steering Header For Management Fram es

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9093 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Final Offc Act-Appeal Due Pending App No.: 10/990231 App Dt: 16-Nov-2004 Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0168.I1

5059-000178/US/CPA Title: Network Switch Using And Steering Header For Management Fram es

5059-P00178A/01

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Rescind Non-Publication NEP 08-Jul-2008 5059-P00180/06 Granted App Dt: 08-Jan-2007 MDW App No.: 11/650681

Final United States of America Pat No.: 7253690 Iss Dt: 07-Aug-2007

Client Reference: Client Ref. 1: MP0163.C2C1 HDP Number:

5059-000180/US/COE Title: Method And Apparatus For An LNA With High Linearity And Improved Gain Control

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 3 Mo Offc Act-Response Due 5059-P00203/06 App No.: 11/729747 App Dt: 29-Mar-2007 MDW Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0148.IC1

5059-000203/US/COE Title: DC-Free Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

or Action Type Country Bibliographic Numbers & Dates Attorneys

08-Jul-2008 Update Status 5059-P00433/01 Published **App No.:** 10/796727 **App Dt**: 09-Mar-2004 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0787

5059-000433/US Title: Servo Controller Interface Module For Embedded Disk Controllers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Final Offic Act-Appeal Due 5059-P00570/01 Pending **App No.**: 10/886860 **App Dt**: 07-Jul-2004 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0440; Client Ref. 2: 213200.00162

5059-000570/US Title: Automatic Network Switch Configuration To Support Quality Of Service

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Final Offic Act- Response Due 5059-P00570/01 Pending *App No.*: 10/886860 *App Dt*: 07-Jul-2004 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0440; Client Ref. 2: 213200.00162

5059-000570/US Title: Automatic Network Switch Configuration To Support Quality Of Service

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9095 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 NEGGES Menses D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

08-Jul-2008Examination Report Response5059-P00615/01PendingApp No.: 070004635App Dt: 10-Jan-2007Due DateOfficial CommunicationEuropean Patent ConventionPat No.:Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0904EP

5059-100615/EP Title: Testing Storage System Electronics Using Loopback

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks: Extension Available

08-Jul-2008 19 Mo National Stage Reminder 5059-P01107/01 Pending **App No.:** PCT/IB2007/003849 **App Dt:** 10-Dec-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1596.WO

5059-001107/WO/POA Title: System And Method For Peripheral Device Communications

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 19 Mo Chap II Demand NEP 5059-P01107/01 Pending **App No.**: PCT/IB2007/003849 **App Dt**: 10-Dec-2007 MDW

Final Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1596.WO

5059-001107/WO/POA Title: System And Method For Peripheral Device Communications

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

Indicator

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9096 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Action Type Country

Bibliographic Numbers & Dates Attorneys

MDW

08-Jul-2008 English Translation (Prov App) Pending App No.: 60/893799 App Dt: 08-Mar-2007 United States of America Pat No.: Reminder Iss Dt:

Status

Client Reference: Client Ref. 1: MP1775PR HDP Number:

5059-001284/US/PS1 Title: Dynamic RxDiv

Client: Marvell Semiconductor Inc.

5059-P01284/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 English Translation (Prov App) 5059-P01286/01 App No.: 60/893809 App Dt: 08-Mar-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1778PR

5059-001286/US/PS1 Title: Peer-Based On-Board NW Management System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01469B/01 App No.: 60/954679 App Dt: 08-Aug-2007 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1966PR3

5059-001469/US/PS3 Title: Mesh Network Optimizations

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

08-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9097 of 9672 01-May-2008 31-Jul-2008 Attorney:

Status

Pending

Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

App No.: 60/954679

App Dt: 08-Aug-2007

MDW

United States of America Iss Dt: Reminder Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP1966PR3

Convert to Reglr-1 Mo Reminder

5059-001469/US/PS3 Title: Mesh Network Optimizations

Client: Marvell Semiconductor Inc.

5059-P01469B/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01585/01 **App No.:** 60/954669 App Dt: 08-Aug-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2084PR HDP Number:

5059-001585/US/PS1 Title: Relative Path Delay Estimation For Multiple Base Stations In OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01585/01 Pending App No.: 60/954669 App Dt: 08-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2084PR

5059-001585/US/PS1 Title: Relative Path Delay Estimation For Multiple Base Stations In OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney.

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

08-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01586/01 Pending *App No.*: 60/954658 *App Dt*: 08-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2085PR

5059-001586/US/PS1 Title: Encoding And Decoding Methods For Solid-State Memory Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01586/01 Pending **App No.**: 60/954658 **App Dt**: 08-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2085PR

5059-001586/US/PS1 Title: Encoding And Decoding Methods For Solid-State Memory Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Update Status 5059-P01767A/01 Pending **App No.**: 61/019712 **App Dt:** 08-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2300PR2

5059-001767/US/PS2 Title: Method And Apparatus For Common Mode Control

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9099 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: Wigstins.Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

08-Jul-2008 Convert to Regir-6 Mo Reminder 5059-P01767A/01 Pending **App No.**: 61/019712 **App Dt**: 08-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2300PR2

5059-001767/US/PS2 Title: Method And Apparatus For Common Mode Control

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Reminder - Foreign Filing 5059-P01767A/01 Pending **App No.**: 61/019712 **App Dt**: 08-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2300PR2

5059-001767/US/PS2 Title: Method And Apparatus For Common Mode Control

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

08-Jul-2008 Information Disclosure Stmnt 7395E-P00012/01 Unofficial **App No.**: 12/009328 **App Dt**: 08-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: S10569PUS

7395E-000012/US Title: Test Method for fhe Testing of the Funtional Capability of a Monitoring Sensor, Monitoring Method and Monitoring

Sensor

Client: Manitz, Finsterwald & Partner

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9100 of 9672 01-May-2008 31-Jul-2008

Attorney:

Water Metal

Due Date Action Due Indicator

Action Type

Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

08-Jul-2008

Final Offc Act-Response Due

8540P-P00228/01

Pending

App No.: 11/153171

App Dt: 15-Jun-2005

MDW

Due Date

US-Final Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number: 8540P-000228/US

Client Reference: Client Ref. 1: GP-305361

Title: Low Frequency Active DC Bus Filter For Fuel Cell Hybrid Appl ications

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

08-Jul-2008

Final Offc Act-Appeal Due

8540P-P00228/01

Pending

App No.: 11/153171

Pat No.:

App Dt: 15-Jun-2005 MDW

Iss Dt:

Due Date

US-Final Office Action

United States of America

HDP Number: 8540P-000228/US Client Reference: Client Ref. 1: GP-305361

Title: Low Frequency Active DC Bus Filter For Fuel Cell Hybrid Appl ications

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008

Ext to HK after Publication

2671-P00003/01

Published

App No.: 2005800467588

App Dt: 20-Dec-2005 MDW

Due Date

Extension to Hong Kong

China (Peoples Republic)

Pat No.:

Iss Dt:

HDP Number:

Client Reference:

2671-100003/CN/01

Title: Method And Appartus For Charging And Discharging A Rechargeable Battery

Client: COBASYS LLC

Action Due Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

ator Action Type Country Bibliographic Numbers & Dates Attorneys

09-Jul-2008 Update Status 5059-P00018/03 Pending **App No.:** 11/824781 **App Dt**: 03-Jul-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0133.C2

5059-000018/US/COB Title: Extension Mode For Wireless LANS Complying with Short Interframe Space Requirement

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Update Status 5059-P00036/02 Unofficial **App No.**: 10/839679 **App Dt**: 04-May-2004 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP0156.C1

5059-000036/US/COA Title: Protection Circuit And Method For RF Power Amplifiers In WLAN Tranceivers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Drawing/Formality-3 Mo Final 5059-P00049/01 Pending **App No.**: 10/319391 **App Dt**: 12-Dec-2002 MDW

Final US-Notce Allowability-Drawings United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0252

5059-000049/US Title: Preamplifier Integrated Circuit On Flex For Magnetic Media Storing Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9102 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEON Market States 0

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

09-Jul-2008 Issue Fee Due-Final 5059-P00049/01 Pending **App No.:** 10/319391 **App Dt:** 12-Dec-2002 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0252

5059-000049/US Title: Preamplifier Integrated Circuit On Flex For Magnetic Media Storing Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00049/01 Pending **App No.**: 10/319391 **App Dt**: 12-Dec-2002 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0252

5059-000049/US Title: Preamplifier Integrated Circuit On Flex For Magnetic Media Storing Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Appeal Due + 3 (NEP) 5059-P00159/02 Published **App No.**: 10/926486 **App Dt**: 19-Aug-2004 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0540; Client Ref. 2: M7366

5059-000159/US Title: Disk Drive System On Chip With Integrated Buffer Memory And Support For Host Memory Access

Client: Marvell Semiconductor Inc.

Action Due Remarks:



3 Mo OA (1st) + 3 (NEP)

09-Jul-2008

Due Date Action Due Matter Number/Subcase Status
Indicator Action Type Country

5059-P00165/01

tor Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 10/986082

App Dt: 10-Nov-2004

MDW

Final United States of America Pat No.: Iss Dt:

Pending

HDP Number: Client Reference: Client Ref. 1: MP0510

5059-000165/US Title: Carrier Frequency Offset Estimation For OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00360C/01 Pending **App No.**: 09/920241 **App Dt**: 01-Aug-2001 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0088

5059-000360/US Title: Apparatus And Method For Converting Single-Ended Signals To A Differential Signal, And Transceiver Employing

Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Issue Fee Due-Final 5059-P00360C/01 Pending **App No.**: 09/920241 **App Dt**: 01-Aug-2001 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0088

5059-000360/US Title: Apparatus And Method For Converting Single-Ended Signals To A Differential Signal, And Transceiver Employing

Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9104 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW
 Whother Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Bibliographic Numbers & Dates Attorneys

09-Jul-2008 Drawing/Formality-3 Mo Final

5059-P00360C/01

App No.: 09/920241 Pat No.: **App Dt:** 01-Aug-2001 MDW

Iss Dt:

Final

5059-000360/US

US-Notce Allowability-Drawings United States of America

Client Reference: Client Ref. 1: MP0088

HDP Number: Client Refer

Title: Apparatus And Method For Converting Single-Ended Signals To A Differential Signal, And Transceiver Employing

Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Update Status

5059-P00473/02

Pending

Pending

App No.: 11/149220

App Dt: 10-Jun-2005

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0014.C1; Client Ref. 2: 213200.00192

5059-000473/US/COA

Title: Method And Apparatus For Digital Near-End Echo/Near-End Crosstalk Cancellation With Adaptive Correlation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 3 Mo Offc Act-Response Due

5059-P00475A/01

Pending

App No.: 11/030205

App Dt: 07-Jan-2005 MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0020.C1:Client Ref. 2: 213200.00132

5059-000475/US/COA

Title: Active Replica Transformer Hybrid

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9105 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates** Attorneys

09-Jul-2008 3 Mo Offc Act-Response Due 5059-P00475A/02 App No.: 11/089010 App Dt: 24-Mar-2005 MDW Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0020.D1:Client Ref. 2: 213200.00165

5059-000475/US/DVB Title: Active Replica Transformer Hybrid

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29 Mo National Stage Reminder 5059-P00634/01 Published

App No.: PCT/US2007/003594

App Dt: 09-Feb-2007 MDW

Reminder Patent Cooperation Treaty

Client Reference: Client Ref. 1: MP0944/WO

5059-000634/WO/POE

09-Jul-2008

HDP Number:

Title: Dual Band WLAN Antenna

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 28 Mo National Stage Reminder

5059-P00660/01

Published

App No.: PCT/US2007/005769

App Dt: 08-Mar-2007 MDW

Reminder

Patent Cooperation Treaty

Pat No.:

Pat No.:

Iss Dt:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1013

5059-000660/WO/POA

Title: Hard Disk Drive Integrated Circuit With Integrated Gigabit Ethernet Interface

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9106 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Whoeles, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

09-Jul-2008 Check if IPER received 5059-P00660/01 Published **App No.**: PCT/US2007/005769 **App Dt**: 08-Mar-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1013

5059-000660/WO/POA Title: Hard Disk Drive Integrated Circuit With Integrated Gigabit Ethernet Interface

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Update Status 5059-P00661/02 Granted **App No.**: 11/544253 **App Dt**: 09-Oct-2006 MDW

Reminder United States of America Pat No.: 7349171 Iss Dt: 25-Mar-2008

HDP Number: Client Reference: Client Ref. 1: MP1017

5059-000661/US Title: Method For Measuring Actuator Velocity During Self-Servo-Write

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Update Status 5059-P01192/02 Pending **App No.**: 11/971612 **App Dt**: 09-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1686

5059-001192/US Title: SGMII And Magic Packet

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Priority document filed?

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9107 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Status

Indicator **Action Type** Country

Bibliographic Numbers & Dates 5059-P01371/02 Unofficial App Dt: 09-Apr-2008

United States of America Iss Dt: Reminder Pat No.:

Client Reference: Client Ref. 1: MP1868 HDP Number:

5059-001371/US Title: Reconfigurable SRAM/Cache

Client: Marvell Semiconductor Inc.

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Information Disclosure Stmnt

5059-P01371/02

Unofficial

App No.: 12/100107

App No.: 12/100107

App Dt: 09-Apr-2008 MDW Attorneys

MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number:

Due Date

09-Jul-2008

Client Reference: Client Ref. 1: MP1868

5059-001371/US

Title: Reconfigurable SRAM/Cache

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Priority document filed? 5059-P01372/02

Unofficial

App No.: 12/100087

App Dt: 09-Apr-2008 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1869

5059-001372/US

Title: Multi-Ported SATA Host Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

01-May-2008

31-Jul-2008

Pat No.:

Page: 9108 of 9672

MDW

Iss Dt:

Attorney:

Due Date

Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

09-Jul-2008 Information Disclosure Stmnt 5059-P01372/02 Unofficial App No.: 12/100087 App Dt: 09-Apr-2008

Client Reference: Client Ref. 1: MP1869 HDP Number:

5059-001372/US Title: Multi-Ported SATA Host Controller

Client: Marvell Semiconductor Inc.

United States of America

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Convert to Regular NEP 5059-P01521/01 **App No.:** 60/948605 App Dt: 09-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2022PR HDP Number:

5059-001521/US/PS1 Title: Using E-Fuse Bits Instead Of Bond Options To Select Device Functionality

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Foreign Filing Deadline NEP 5059-P01521/01 Pending App No.: 60/948605 App Dt: 09-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2022PR

5059-001521/US/PS1 Title: Using E-Fuse Bits Instead Of Bond Options To Select Device Functionality

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Friday, May 02, 2008 Due Date List (by Attorney)

Page: 9109 of 9672

01-May-2008

To

31-Jui-2008

Attorney: N.W.

DV - Wadata Michael D

Due Date Action Due Indicator Action Type

etion Due Matter Number/Subcase etion Type Country Status

Bibliographic Numbers & Dates

Attorneys

09-Jul-2008

Prefiled Status

5059-P01521/02

Unfiled

App No.: Pat No.: App Dt: Iss Dt: MDW

Reminder

United States of America

Client Reference: Client Ref. 1: MP2022

HDP Number: 5059-001521/US

Title: Using E-Fuse Bits Instead Of Bond Options To Select Device Functionality

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008

Foreign Filing Deadline NEP

5059-P01522/01

Pending

App No.: 60/948596

Pat No.:

App Dt: 09-Jul-2007

Iss Dt:

MDW

Final

United States of America

HDP Number:

Client Reference: Client Ref. 1: MP2023PR

5059-001522/US/PS1

Title: Policy-Based VRF Assignment

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008

Convert to Regular NEP

5059-P01522/01

Pending

App No.: 60/948596

Pat No.:

App Dt: 09-Jul-2007

Iss Dt:

MDW

HDP Number:

Final

United States of America

Client Reference: Client Ref. 1: MP2023PR

5059-001522/US/PS1

Title: Policy-Based VRF Assignment

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9110 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date

Prefiled Status

09-Jul-2008

Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

App No.:

MDW

App Dt: United States of America Reminder Pat No.: Iss Dt:

Unfiled

Client Reference: Client Ref. 1: MP2023 HDP Number:

5059-001522/US Title: Policy-Based VRF Assignment

Client: Marvell Semiconductor Inc.

5059-P01522/02

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01587/01 App No.: 60/954940 App Dt: 09-Aug-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2091PR

5059-001587/US/PS1 Title: Decreasing UE Measurement Time

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01587/01 Pending **App No.:** 60/954940 App Dt: 09-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2091PR

5059-001587/US/PS1 Title: Decreasing UE Measurement Time

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9111 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NOW
 Wississ, Michael D

Due Date Action Due Matter Number/Subcase

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

09-Jul-2008 Update Status 5059-P01767/01 Pending **App No.**: 60/990758 **App Dt**: 28-Nov-2007 MDW

Status

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2300PR

5059-001767/US/PS1 Title: Method And Apparatus For Common Mode Control

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Update Status 5059-P01833/01 Pending App No.: 61/019920 App Dt: 09-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2367PR

5059-001833/US/PS1 Title: Spindle Synchronous Rectification Switching Reduction For Power Saving In Hard Disk Drives

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Reminder - Foreign Filing 5059-P01833/01 Pending **App No.**: 61/019920 **App Dt**: 09-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2367PR

5059-001833/US/PS1 Title: Spindle Synchronous Rectification Switching Reduction For Power Saving In Hard Disk Drives

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9112 of 9672

01-May-2008

31-Jul-2008

Attorney:

Water Messell

Due Date Indicator

Action Due Action Type Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

09-Jul-2008 Convert to Reglr-6 Mo Reminder

5059-P01833/01

Pending

App No.: 61/019920

App Dt: 09-Jan-2008

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2367PR

5059-001833/US/PS1

Title: Spindle Synchronous Rectification Switching Reduction For Power Saving In Hard Disk Drives

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008

Convert to Reglr-6 Mo Reminder

5059-P01857A/01

Pending

App No.: 61/019946

Pat No.:

App Dt: 09-Jan-2008 MDW

Iss Dt:

Reminder

United States of America

HDP Number:

Client Reference: Client Ref. 1: MP2389PR

5059-001857/US/PS1

Title: Optimizing Performance Of Finite Precision Layered Decoder Of Low-Density Parity-Check (LDPC) Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008

Reminder - Foreign Filing

5059-P01857A/01

Pending

App No.: 61/019946

App Dt: 09-Jan-2008

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2389PR

5059-001857/US/PS1

Title: Optimizing Performance Of Finite Precision Layered Decoder Of Low-Density Parity-Check (LDPC) Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9113 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missing, Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

Bibliographic Numbers & Dates Attorneys

MDW

09-Jul-2008 Update Status 5059-P01857A/01 Pending **App No.**: 61/019946 **App Dt**: 09-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2389PR

5059-001857/US/PS1 Title: Optimizing Performance Of Finite Precision Layered Decoder Of Low-Density Parity-Check (LDPC) Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Reminder - Foreign Filing 5059-P01858A/01 Pending **App No.:** 61/019952 **App Dt:** 09-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2390PR

5059-001858/US/PS1 Title: FS Memory Arrangement

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Convert to RegIr-6 Mo Reminder 5059-P01858A/01 Pending **App No.**: 61/019952 **App Dt**: 09-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2390PR

5059-001858/US/PS1 Title: FS Memory Arrangement

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9114 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase

Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

09-Jul-2008 Update Status 5059-P01858A/01 Pending App No.: 61/019952 App Dt: 09-Jan-2008 MDW

United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2390PR HDP Number:

5059-001858/US/PS1 Title: FS Memory Arrangement

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Issue Fee Due-Final 7395E-P00001/01 Published App No.: 11/637229 App Dt: 11-Dec-2006 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: S10300PUS HDP Number:

7395E-000001/US Title: Optoelectronic Apparatus And Method Of Operating The Optoelectronic Apparatus

Client: Manitz, Finsterwald & Partner

Action Due Remarks:

Due Date Remarks:

7395E-P00001/01 09-Jul-2008 Atty Cnfrm Calc Pat Term Adj? **Published** App No.: 11/637229 App Dt: 11-Dec-2006 MDW

United States of America Final US-Notice of Allowance Rec'd Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: S10300PUS

7395E-000001/US Title: Optoelectronic Apparatus And Method Of Operating The Optoelectronic Apparatus

Client: Manitz, Finsterwald & Partner

Action Due Remarks:



Friday, May 02, 2008 Due Date List (by Attorney)

Page: 9115 of 9672

01-May-2008

To

31-Jul-2008

Attorney:

V Viscolis, Michael C

Due Date Action Due Indicator Action Type

on Due Matter Number/Subcase on Type Country

Status

Bibliographic Numbers & Dates

Attorneys

09-Jul-2008 Drawing/Formality-3 Mo Final

7395E-P00001/01

Published **App No.:** 11/637229

App Dt: 11-Dec-2006 MDW

Final

US-Notce Allowability-Drawings

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: S10300PUS

7395E-000001/US

Title: Optoelectronic Apparatus And Method Of Operating The Optoelectronic Apparatus

Client: Manitz, Finsterwald & Partner

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Update

Update Status

Pending

App No.: 11/170990
Pat No.:

App Dt: 30-Jun-2005 MDW

Iss Dt:

Reminder

8540P-P00269/01 United States of America

HDP Number:

Client Reference: Client Ref. 1: GP-306055

8540P-000269/US

Title: ECU Identification Retention Across Reprogramming Events

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008

3 Mo Offc Act-Response Due

8540P-P00337/01

Pending

App No.: 11/416910

App Dt: 03-May-2006 MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: GP-307131

8540P-000337/US

Title: Flexible Sampling Plan And User Interface For Coordinate Measuring Machines

Client: General Motors Corporation

Action Due Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

09-Jul-2008 3 Mo Offic Act-Response Due 8540P-P00362/01 Pending **App No.:** 11/432446 **App Dt:** 11-May-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-307238

8540P-000362/US Title: Cylinder Torque Balancing For An Internal Combustion Engine

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Update Status 8540P-P00461/01 Unofficial **App No.**: 11/651424 **App Dt**: 09-Jan-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308841

8540P-000461/US Title: State Of Health Monitoring And Reset Method For On-Board Device Driver IC's

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 File Formal Dwgs--8 mo 8540P-P00538A/01 Pending **App No.**: 60/986722 **App Dt**: 09-Nov-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000433

8540P-000538/US/PS1 *Title:* Filtering For Rough Road Detection

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9117 of 9672

01-May-2008

31-Jul-2008

Attorney:

Water Medical D

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

09-Jul-2008

Convert to Reglr-6 Mo Reminder

8540P-P00570A/01

Pending

App No.: 61/019870

App Dt: 09-Jan-2008

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: P000773

8540P-000570/US/PS1

Title: Engine Control System For Increased Vehicle Fuel Economy

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Update Status 8540P-P00570A/01

Pending

App No.: 61/019870

Pat No.:

App Dt: 09-Jan-2008 MDW

Iss Dt:

Reminder

HDP Number:

United States of America

8540P-000570/US/PS1

Client Reference: Client Ref. 1: P000773

Title: Engine Control System For Increased Vehicle Fuel Economy

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008

Reminder - Foreign Filing

8540P-P00570A/01

Pending

App No.: 61/019870

App Dt: 09-Jan-2008 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: P000773

8540P-000570/US/PS1

Title: Engine Control System For Increased Vehicle Fuel Economy

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9118 of .9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 №0 Visions Richael D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 09-Jul-2008 Prefiled Status 8540P-P00596/01 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000558

8540P-000596/US Title: Engine Control During Coasting Events

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Prefiled Status 8540P-P00600/01 Unfiled **App No.**: **App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000909

8540P-000600/US Title: Accelerator Pedal Based Shift Point Stabilization (APBS) Under Accelerator Pedal Transient Maneuvers For

Automatic Transmission

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Prefiled Status 8540P-P00608/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001049

8540P-000608/US Title: Virtual Tensioner Travel Sensor For A Serpentine Belt Tensioner Assembly

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02: 2008
 Due Date List (by Attorney)
 Page: 9119 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windles Michael D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 09-Jul-2008 **Prefiled Status** 8540P-P00609/02 Unfiled App No.: MDW App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001330

Maintenance Character Char

8540P-000609/US Title: Serpentine Belt - Useful Life Monitor

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Prefiled Status 8540P-P00613/01 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001401

8540P-000613/US Title: Securing Engine Torque Input Aier-Per-Cylinder From Calculation And Corruption Errors

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Prefiled Status 8540P-P00614/01 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001286

8540P-000614/US *Title:* New Combustion Detection Parameters

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9120 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Market

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 09-Jul-2008 **Prefiled Status** 8540P-P00615/01 Unfiled MDW App No.: App Dt:

Reminder United States of America Client Reference: Client Ref. 1: P001408 HDP Number:

8540P-000615/US Title: Method Of Limiting Wheel Slip On Low MU Surface

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks: Prefiled Status

8540P-P00616/01

Unfiled

App No.: Pat No.:

Pat No .:

App Dt:

Iss Dt:

Iss Dt:

MDW

HDP Number:

09-Jul-2008

Reminder

Client Reference: Client Ref. 1: P001516

8540P-000616/US

Title: Algorithm For Solving Vehicle Bump And Turbo Surge Problem During Transitions From Exhaust Braking

(EXBRK) Mode To Diesel Particulate Filter (DPF) Regeneration (Regen) Mode

Client: General Motors Corporation

United States of America

Action Due Remarks:

Due Date Remarks:

09-Jul-2008 Prefiled Status

8540P-P00626/01

Unfiled

App No.: Pat No .: App Dt:

Iss Dt:

MDW

Reminder HDP Number:

Client Reference: Client Ref. 1: P001708

8540P-000626/US

Title: Cruise Control And AFM Interaction

United States of America

Client: General Motors Corporation

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

10-Jul-2008 Annuity Due 5059-P00086/01 Published **App No.**: 2004100889182 **App Dt**: 10-Jul-2003

Due Date China (Peoples Republic) Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.CN01

5059-100086/CN/01 *Title:* Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks: 6th

10-Jul-2008 Request for Rectification 5059-P00156A/02 Published App No.: PCT/US2007/011328 App Dt: 10-May-2007 MDW

Due Date Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0525.I1C1.WO

5059-000156/WO/POI Title: Adaptive Storage System Including Hard Disk Drive With Flash Interface

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

10-Jul-2008 Request for Rectification 5059-P00156A/01 Published **App No.:** PCT/US2007/011326 **App Dt:** 10-May-2007 MDW

Due Date Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0525.11.WO

5059-000156/WO/POH Title: Adaptive Storage System Including Hard Disk Drive With Flash Interface

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:



Appeal Due + 3 (NEP)

10-Jul-2008

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 11/240047

App Dt: 30-Sep-2005

MDW

Published

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0657.C2

5059-000236/US/COB Title: GPS-Based Traffic Monitoring System

Client: Marvell Semiconductor Inc.

5059-P00236/03

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Update Status 5059-P00272/01 Pending **App No.:** 11/113446 **App Dt:** 22-Apr-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0552

5059-000272/US *Title:* Host Device Communication Interface

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Update Status 5059-P00286/02 Pending **App No.:** 11/247941 **App Dt:** 10-Oct-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0668

5059-000286/US Title: End-To-End Session Without Signaling Protocol

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9123 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

10-Jul-2008 Update Status Pending **App No.:** 11/401392 App Dt: 10-Apr-2006 Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0862 HDP Number:

5059-000458/US Title: BSS Selection Using Path Loss

Client: Marvell Semiconductor Inc.

5059-P00458/02

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Update Status 5059-P00459/02 **App No.:** 11/400982 App Dt: 10-Apr-2006 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0863

5059-000459/US Title: Transmit Power Adaptation Algorithm Using 802.11H

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Update Status 5059-P00488/05 Pending **App No.:** 11/545356 App Dt: 10-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0042.D2

5059-000488/US/DVF Title: Movable Tap Finite Impulse Response Filter

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Update Status

10-Jul-2008

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 11/545204

App Dt: 10-Oct-2006

MDW

Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0042.D1

5059-000488/US/DVE Title: Movable Tap Finite Impulse Response Filter

Client: Marvell Semiconductor Inc.

5059-P00488/04

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Issue Fee Due-Final 5059-P00495/03 Pending **App No.**: 11/447351 **App Dt**: 06-Jun-2006 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0050.C2

5059-000495/US/COB Title: Reduced Pin Gigabit Media Independent Interface

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00495/03 Pending **App No.**: 11/447351 **App Dt**: 06-Jun-2006 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0050.C2

5059-000495/US/COB Title: Reduced Pin Gigabit Media Independent Interface

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9125 of 9672

01-May-2008

31-Jul-2008

Attorney:

Water Medical D

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

10-Jul-2008

Drawing/Formality-3 Mo Final 5059-P00495/03 Pending

App No.: 11/447351

App Dt: 06-Jun-2006

MDW

Final

US-Notce Allowability-Drawings

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0050.C2

5059-000495/US/COB

Title: Reduced Pin Gigabit Media Independent Interface

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008

Final Offc Act- Response Due

5059-P00532/08

Pending

App No.: 11/701754

App Dt: 02-Feb-2007

Due Date

US-Final Office Action

United States of America

Pat No.:

Iss Dt:

MDW

HDP Number:

Client Reference: Client Ref. 1: MP0115.BaA

5059-000532/US/DVG

Title: Integrated Chip Package Having Intermediate Substrate

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008

Final Offc Act-Appeal Due

5059-P00532/08

Pending

App No.: 11/701754

App Dt: 02-Feb-2007 MDW

Due Date

US-Final Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0115.BaA

5059-000532/US/DVG

Title: Integrated Chip Package Having Intermediate Substrate

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9126 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates** Attorneys

MDW

10-Jul-2008 Update Status 5059-P01165/02 Pending App No.: 12/008339 App Dt: 10-Jan-2008 United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1654 HDP Number:

5059-001165/US Title: Communication Center For Aggregation Topologies Advance Power Saving Techniques And Continually Transfers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01373A/01 **App No.:** 60/955150 App Dt: 10-Aug-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1861PR2 HDP Number:

5059-001373/US/PS2 Title: Hard Drive Command Overhead Reduction

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01373A/01 Pending App No.: 60/955150 App Dt: 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1861PR2

5059-001373/US/PS2 Title: Hard Drive Command Overhead Reduction

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9127 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEONIN Microsopy

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

10-Jul-2008 Foreign Filing Deadline NEP 5059-P01524/01 Pending *App No.:* 60/948789 *App Dt:* 10-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2025PR

5059-001524/US/PS1 Title: Level Restoring Scheme For A High Frequency, Wide Range Delay, Fine Tune Digital Delay Element

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Convert to Regular NEP 5059-P01524/01 Pending **App No.**: 60/948789 **App Dt**: 10-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP2025PR

5059-001524/US/PS1 Title: Level Restoring Scheme For A High Frequency, Wide Range Delay, Fine Tune Digital Delay Element

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01588/01 Pending **App No.**: 60/955171 **App Dt**: 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2092PR

5059-001588/US/PS1 Title: TX DAC And Replica DAC

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

10-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9128 of 9572

 81-May-2008
 To
 31-Jul-2008

 Attorney:
 MBW Mindals Michael D

Status

Indicator Action Type Country

Pending **App No.:** 60/955171 **App Dt**: 10-Aug-2007 MDW

Bibliographic Numbers & Dates

Attorneys

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2092PR

Convert to Reglr-1 Mo Reminder

5059-001588/US/PS1 *Title:* TX DAC And Replica DAC

Client: Marvell Semiconductor Inc.

5059-P01588/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Convert to Regir-1 Mo Reminder 5059-P01589/01 Pending App No.: 60/955199 App Dt: 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2093PR

5059-001589/US/PS1 Title: WLAN Power Saving Over USB Bus

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01589/01 Pending **App No.**: 60/955199 **App Dt**: 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2093PR

5059-001589/US/PS1 Title: WLAN Power Saving Over USB Bus

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9129 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: Wisadas.kitchaet.bd

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

10-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01590/01 Pending **App No.**: 60/955181 **App Dt**: 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2094PR

5059-001590/US/PS1 Title: Minimization of VCM-Resolution Switching Induced Position Error Transient

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01590/01 Pending **App No.**: 60/955181 **App Dt:** 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2094PR

5059-001590/US/PS1 Title: Minimization of VCM-Resolution Switching Induced Position Error Transient

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01591/01 Pending *App No.*: 60/955176 *App Dt*: 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2095PR

5059-001591/US/PS1 Title: Spiral Band And Detection

Client: Marvell Semiconductor Inc.

Action Due Remarks:



10-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9130 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates

5059-P01591/01 Pending *App No.*: 60/955176 *App Dt*: 10-Aug-2007 MDW

Attorneys

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2095PR

Foreign Filing - 1 Mo Reminder

5059-001591/US/PS1 Title: Spiral Band And Detection

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Reminder - Foreign Filing 5059-P01859/01 Pending **App No.**: 61/020183 **App Dt:** 10-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2391PR

5059-001859/US/PS1 *Title:* Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01859/01 Pending **App No.**: 61/020183 **App Dt**: 10-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2391PR

5059-001859/US/PS1 Title: Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Update Status

10-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9131 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 61/020183

App Dt: 10-Jan-2008

MDW

Reminder United States of America Pat No.: Iss Dt:

Pending

HDP Number: Client Reference: Client Ref. 1: MP2391PR

5059-001859/US/PS1 Title: Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

5059-P01859/01

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Reminder - Foreign Filing 5059-P01859A/01 Pending **App No.**: 61/020253 **App Dt**: 10-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2391PR2

5059-001859/US/PS2 Title: Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Convert to RegIr-6 Mo Reminder 5059-P01859A/01 Pending *App No.*: 61/020253 *App Dt*: 10-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2391PR2

5059-001859/US/PS2 Title: Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02: 2008
 Due Date List (by Attorney)
 Page: 9132 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: Wisadas.kitchaet.bdf

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

10-Jul-2008 Update Status 5059-P01859A/01 Pending **App No.**: 61/020253 **App Dt**: 10-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2391PR2

5059-001859/US/PS2 Title: Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Filed English translation? 5059-P01943/01 Pending **App No.**: 61/068769 **App Dt**: 10-Mar-2008 MDW

Due Date US-English Translation Filed United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2477PR

5059-001943/US/PS1 *Title*: Remote Semiconductor Enablement

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Filed English translation? 5059-P01944/01 Pending **App No.**: 61/068762 **App Dt**: 10-Mar-2008 MDW

Due Date US-English Translation Filed United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2478PR

5059-001944/US/PS1 Title: Convenience/Hotel Print Device With Downloadable Driver Or Standard Driver

Client: Marvell Semiconductor Inc.

Action Due Remarks:



10-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9133 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Matter Number/Subcase **Due Date Action Due** Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Filed English translation? Pending App No.: 61/068761 App Dt: 10-Mar-2008 Due Date **US-English Translation Filed** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2479PR

5059-001945/US/PS1 Title: Write Quality Analysis By 3D TIA And Contour

Client: Marvell Semiconductor Inc.

5059-P01945/01

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Filed English translation? 5059-P01946/01 **App No.:** 61/068770 App Dt: 10-Mar-2008 Pending MDW

Due Date US-English Translation Filed United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2480PR HDP Number:

5059-001946/US/PS1 Title: An Apparatus To Do Analog Calibration Through Software

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Filed English translation? 5059-P01948/01 Pending **App No.:** 61/068752 App Dt: 10-Mar-2008 MDW

Due Date **US-English Translation Filed** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2482PR

5059-001948/US/PS1 Title: Marvell AMP 802.11 And WiMAX Coexistence

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9134 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEW NEWS Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Bibliographic Numbers & Dates

Attorneys

10-Jul-2008 Filed English translation?

5059-P01949/01 Pending

App No.: 61/068760

App Dt: 10-Mar-2008 MDW

Due Date US-English Translation Filed

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2483PR

5059-001949/US/PS1

Title: Methods For Achieving Equal Error Distribution In Multi-Level Cell Flash Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Filed English translation?

5059-P01950/01

Pending **App No.:** 61/068873

App Dt: 10-Mar-2008 MDW

Due Date US-English Translation Filed

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2484PR

5059-001950/US/PS1

Title: More Flexibility Due To Programmable Hardware Block

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Instruct Agent - Frgn Response

8540G-P00061/01

Granted

App No.: 001266246

App Dt: 04-Dec-2000

AMB, MDW

10-Jul-2008 Due Date

F-Foreign Response

European Patent Convention

Pat No.: 3923261

Iss Dt: 02-Mar-2007

HDP Number:

Client Reference: Client Ref. 1: H-205765

8540G-100061/EP

Title: Controlled Shutdown Of A Fuel Cell

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9135 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Matter Number/Subcase **Due Date Action Due** Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

10-Jul-2008 3 Mo Offc Act-Response Due 8540P-P00257/01 Pending App No.: 11/233841 App Dt: 23-Sep-2005 Iss Dt:

Due Date US-3 Month Office Action United States of America Pat No.:

Client Reference: Client Ref. 1: GP-305802 HDP Number:

8540P-000257/US Title: Anti-Rollback Contol Via Analog Brake Sensor For Hybrid And Conventional Powertrains

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

10-Jul-2008 Update Status 8540P-P00380/01 App No.: 11/342925 App Dt: 30-Jan-2006 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-307732 HDP Number:

8540P-000380/US Title: A Method For Controlling Combustion Of A Diesel Engine Equipped with EGR

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Update Status 8540P-P00545/01 Pending App No.: 11/972090 App Dt: 10-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000645

8540P-000545/US Title: RPM Control Torque Reserve Management

Client: General Motors Corporation

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 10-Jul-2008
 Reminder - Foreign Filing
 8540P-P00545/01
 Pending
 App No.: 11/972090
 App Dt: 10-Jan-2008

 Reminder
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000645

8540P-000545/US Title: RPM Control Torque Reserve Management

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Priority document filed? 8540P-P00566/01 Unofficial **App No.:** 12/100580 **App Dt:** 10-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000671

8540P-000566/US Title: SIDI Cold Start Strategy Using High Pressure Start

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Information Disclosure Stmnt 8540P-P00566/01 Unofficial **App No.**: 12/100580 **App Dt**: 10-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000671

8540P-000566/US Title: SIDI Cold Start Strategy Using High Pressure Start

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9137 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Mississ Michael D

Due DateAction DueMatter Number/SubcaseStatusIndicatorAction TypeCountry

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

10-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00592/01 Unofficial **App No.:** 60/955213 **App Dt:** 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001601

8540P-000592/US/PS1 Title: Generator Powered Electrically Heated DPF

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008

Foreign Filing - 1 Mo Reminder 8540P-P00592/01 Unofficial **App No.**: 60/955213 **App Dt**: 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001601

8540P-000592/US/PS1 Title: Generator Powered Electrically Heated DPF

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Prefiled Status 8540P-P00595/01 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000565

8540P-000595/US Title: Engine Start Algorithm For Variable Pressure Fuel System With Port Fuel Injection

Client: General Motors Corporation

Action Due Remarks:



Page: 9138 of 9672

Due Date List (by Attorney)

Page: 9138 of 9672

D1-May-2008

To 31-Jul-2008

Attorney: 1999 1999 1999 1999

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

10-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00607/01 Unofficial App No.: 60/964439 App Dt: 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001273

8540P-000607/US/PS1 Title: Dual Injection For Improvement Emission Start In SIDI Engines

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00607/01 Unofficial **App No.**: 60/964439 **App Dt**: 10-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001273

8540P-000607/US/PS1 Title: Dual Injection For Improvement Emission Start In SIDI Engines

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Prefiled Status 8540P-P00617/01 Unfiled *App No.*: *App Dt*: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001426

8540P-000617/US Title: Dual Tap Gear Mode Function In An Automatic Transmission Using A Monostable Range Selector

Client: General Motors Corporation

Action Due Remarks:



 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

10-Jul-2008 Prefiled Status 8540P-P00620/01 Unfiled *App No.*: *App Dt*: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001281

8540P-000620/US Title: Development Of Pilot Detection Methodology For Injector Diagnostics And Minimum Pilot Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Prefiled Status 8540P-P00629/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002083

8540P-000629/US Title: Inverse Torque Model Solution And Bounding

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Information Disclosure Stmnt 8540P-P00643/02 Unofficial **App No.**: 12/100655 **App Dt**: 10-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001637-PTE-CD

8540P-000643/US *Title:* AFM Load/Time Based Torque Converter Slip

Client: General Motors Corporation

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

10-Jul-2008 Priority document filed? 8540P-P00643/02 Unofficial **App No.:** 12/100655 **App Dt:** 10-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001637-PTE-CD

8540P-000643/US Title: AFM Load/Time Based Torque Converter Slip

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00656/01 Unofficial **App No.**: 60/971074 **App Dt**: 10-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002520

8540P-000656/US/PS1 Title: Calibration Systems And Methdos For Scheduled Linear Control Algorithms In Internal Combustion Engine Control

Systems Using Genetic Algorithms, Penalty Functions, Weighting, And Embedding

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

10-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00656/01 Unofficial App No.: 60/971074 App Dt: 10-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002520

8540P-000656/US/PS1 Title: Calibration Systems And Methdos For Scheduled Linear Control Algorithms In Internal Combustion Engine Control

Systems Using Genetic Algortihms, Penalty Functions, Weighting, And Embedding

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9141 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Wissiass, Bicknet 0

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

11-Jul-2008 Final Offic Act: Response Due 5059-P00089/06 Published **App No.:** 11/327065 **App Dt.** 06-Jan-2006

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0388.ID2

5059-000089/US/DVE Title: Power Inductor With Reduced DC Current Saturation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Final Offic Act-Appeal Due 5059-P00089/06 Published **App No.**: 11/327065 **App Dt**: 06-Jan-2006 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0388.ID2

5059-000089/US/DVE Title: Power Inductor With Reduced DC Current Saturation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Rescind Non-Publication NEP 5059-P00157/03 Granted *App No.*: 11/652184 *App Dt*: 11-Jan-2007 MDW

Final United States of America Pat No.: 7359136 Iss Dt: 15-Apr-2008

HDP Number: Client Reference: Client Ref. 1: MP0493.D2

5059-000157/US/DVB Title: TMR/GMR Amplifier For Direct Feedback Transimpedance Amplifier With Input Current Compensation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9142 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MODE: Microses Microses D

Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

11-Jul-2008 Rescind Non-Publication NEP 5059-P00157/05 Pending **App No.:** 11/652701 **App Dt:** 11-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0493.D4

5059-000157/US/DVD Title: TMR/GMR Amplifier For Direct Feedback Transimpedance Amplifier With Input Current Compensation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Rescind Non-Publication NEP 5059-P00157/02 Pending App No.: 11/652202 App Dt: 11-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0493.D1

5059-000157/US/DVA Title: TMR/GMR Amplifier For Direct Feedback Transimpedance Amplifier With Input Current Compensation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Missing Parts-2nd Ext 5059-P00161/02 Pending *App No.*: 12/070365 *App Dt*: 15-Feb-2008 MDW

Due Date US-Missing Parts United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0488.C1

5059-000161/US/COA Title: Detecting Sync Patterns For Optical Media

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9143 of 9672 01-May-2008 31-Jul-2008

Attorney:

Water Medical D

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

11-Jul-2008

Rst Requirement-2nd Ext

5059-P00213A/02

Pending

App No.: 11/156059

App Dt: 17-Jun-2005

MDW

Due Date HDP Number: **US-Restriction Requirement**

United States of America

Pat No.:

Iss Dt:

Client Reference: Client Ref. 1: MP0612.C2

5059-000213/US/COB

Title: Media And Speed Independent Interface

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008

Appeal Due + 3 (NEP)

5059-P00278/02

Pending

App No.: 11/227387

Pat No.:

App Dt: 15-Sep-2005 MDW

Final

United States of America

HDP Number:

Client Reference: Client Ref. 1: MP0677

5059-000278/US

Title: Mixed Mode Digital Control For Switching Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008

Missing Parts-2nd Ext

5059-P00289/01

Pending

App No.: 12/070375

App Dt: 15-Feb-2008

MDW

Due Date

US-Missing Parts

United States of America

Pat No.:

Iss Dt:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0151.C1

5059-000289/US/COA

Title: Compensation For Residual Frequency Offset, Phase Noise And Sampling Phase Offset In Wireless Networks

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

11-Jul-2008 Update Status 5059-P00306/01 Pending **App No.:** 11/247637 **App Dt:** 11-Oct-2005 MDW

Status

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0670

5059-000306/US Title: Automatic Speed Downshifting During Network Interface Autonegotiation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 3 Mo Offic Act-2nd Ext 5059-P00507A/05 Pending App No.: 10/692644 App Dt: 24-Oct-2003 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0062.15; Client Ref. 2: 213200.00184

5059-000507/US/CPE Title: Apparatus Method, And Computer Program Product For Recording And Reproducing Digital Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Prefiled Status 5059-P00795/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1171

5059-000795/US Title: Layer 2 Policy Control Lists

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Prefiled Status

11-Jul-2008

 Friday, May 02: 2008
 Due Date List (by Attorney)
 Page: 9145 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windles Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

App No.:

App Dt:

MDW

Unfiled

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1172

5059-000796/US Title: Cross Chip Flow Control Enhancements

Client: Marvell Semiconductor Inc.

5059-P00796/02

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Prefiled Status 5059-P00805/02 Unfiled **App No.: App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1181

5059-000805/US Title: Efficient Gain Programming Amplifier

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Prefiled Status 5059-P00806/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1182

5059-000806/US Title: Digital IF Mixing At Fclk/8

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due: Date List (by Attorney)
 Page: 9146 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEW Ministry Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

11-Jul-2008 Foreign Filing Deadline NEP 5059-P00927B/01 Pending *App No.*: 60/949160 *App Dt*: 11-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1314PR2

5059-000927/US/PS2 Title: Decoding Method For Alamouti Scheme With Hybrid ARQ And/Or Repetition Coding

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Convert to Regular NEP

5059-P00927B/01

Pending

App No.: 60/949160

App Dt: 11-Jul-2007 MDW

Iss Dt:

Iss Dt:

MDW

Final United States of America Pat No.:

HDP Number:

11-Jul-2008

Client Reference: Client Ref. 1: MP1314PR2

5059-000927/US/PS2

Title: Decoding Method For Alamouti Scheme With Hybrid ARQ And/Or Repetition Coding

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 19 Mo Chap II Demand NEP

5059-P01108/01

Pending

App No.: PCT/US2007/025312

Pat No.:

App Dt: 11-Dec-2007 MDW

Final Patent Cooperation Treaty

HDP Number:

Client Reference: Client Ref. 1: MP1597.WO

5059-001108/WO/POA

Title: Hybrid Non-Volatile Solid State Memory System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

indicator Action Type Country Bibliographic Numbers & Dates Attorneys

11-Jul-2008 19 Mo National Stage Reminder 5059-P01108/01 Pending **App No.**: PCT/US2007/025312 **App Dt**: 11-Dec-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1597.WO

5059-001108/WO/POA Title: Hybrid Non-Volatile Solid State Memory System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Update Status 5059-P01174/02 Pending **App No.**: 12/008603 **App Dt**: 11-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1663

5059-001174/US Title: SIMD Instruction

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Priority document filed? 5059-P01367/02 Unofficial **App No.**: 12/101519 **App Dt**: 11-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1857

5059-001367/US Title: A Mechanism To Enable A 3GPP Terminal To Select A Specific Connectivity Domain At Bearers Setup

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Due Date List (by Attorney)
 Page: 9148 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 \$500
 Wiscosts, Michael 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

11-Jul-2008 Information Disclosure Stmnt 5059-P01367/02 Unofficial **App No.:** 12/101519 **App Dt:** 11-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1857

5059-001367/US Title: A Mechanism To Enable A 3GPP Terminal To Select A Specific Connectivity Domain At Bearers Setup

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Foreign Filing Deadline NEP 5059-P01464A/01 Pending *App No.*: 60/949123 *App Dt*: 11-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1961PR2

5059-001464/US/PS2 Title: Matrix Vernier Time To Digital Converter

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Convert to Regular NEP 5059-P01464A/01 Pending **App No.**: 60/949123 **App Dt**: 11-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1961PR2

5059-001464/US/PS2 Title: Matrix Vernier Time To Digital Converter

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Prefiled Status

11-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9149 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates** Attorneys

MDW

App No.: App Dt: United States of America Reminder Pat No.: Iss Dt:

Unfiled

Client Reference: Client Ref. 1: MP2024 HDP Number:

5059-001523/US Title: Method And Apparatus For Mixed Analog-Digital Frequency Synthesizing And Modulation

Client: Marvell Semiconductor Inc.

5059-P01523/02

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Prefiled Status 5059-P01524/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2025 HDP Number:

5059-001524/US Title: Level Restoring Scheme For A High Frequency, Wide Range Delay, Fine Tune Digital Delay Element

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Foreign Filing Deadline NEP 5059-P01526/01 App No.: 60/949128 App Dt: 11-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2027PR HDP Number:

5059-001526/US/PS1 Title: AES With CBC

Client: Marvell Semiconductor Inc.



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9150 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MON Missins Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

11-Jul-2008 Convert to Regular NEP 5059-P01526/01 Pending **App No.**: 60/949128 **App Dt**: 11-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2027PR

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Foreign Filing Deadline NEP 5059-P01527/01 Pending App No.: 60/949134 App Dt: 11-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2028PR

5059-001527/US/PS1 Title: Precoding Using Alternating Codebooks

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Convert to Regular NEP 5059-P01527/01 Pending *App No.*: 60/949134 *App Dt*: 11-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2028PR

5059-001527/US/PS1 Title: Precoding Using Alternating Codebooks

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9151 of 9672 01-May-2008 31-Jul-2008 Water Medical D

Attorney:

Prefiled Status

Due Date Action Due Matter Number/Subcase Indicator **Action Type** Country

Status

Bibliographic Numbers & Dates Attorneys

App No.:

United States of America Reminder Pat No.: Iss Dt:

Unfiled

Client Reference: Client Ref. 1: MP2028 HDP Number:

5059-001527/US Title: Precoding Using Alternating Codebooks

Client: Marvell Semiconductor Inc.

5059-P01527/02

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Convert to Regular NEP

5059-P01528/01

United States of America

Pending

App No.: 60/949141

Pat No.:

App Dt: 11-Jul-2007

Iss Dt:

App Dt:

MDW

MDW

Final HDP Number:

11-Jul-2008

Client Reference: Client Ref. 1: MP2029PR

5059-001528/US/PS1

Title: Wireless Auto Config And Suto Update Portable PC/Internet Device That Connect To Display Or TV

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Prefiled Status

5059-P01528/02

Unfiled

App No.:

App Dt:

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2029

5059-001528/US

Title: Wireless Auto Config And Suto Update Portable PC/Internet Device That Connect To Display Or TV

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9152 of 9672 01-May-2008 31-Jul-2008 Attorney:

Water Medical D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

11-Jul-2008 Foreign Filing Deadline NEP 5059-P01528/01 Pending App No.: 60/949141 App Dt: 11-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2029PR HDP Number:

5059-001528/US/PS1 Title: Wireless Auto Config And Suto Update Portable PC/Internet Device That Connect To Display Or TV

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Convert to Regular NEP 5059-P01529A/01 App No.: 60/949144 App Dt: 11-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2030PR HDP Number:

5059-001529/US/PS1 Title: Early Stopping Rules For Non-Binary Turbo Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Foreign Filing Deadline NEP 5059-P01529A/01 Pending App No.: 60/949144 App Dt: 11-Jul-2007 MDW

Final United States of America Iss Dt: Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP2030PR

5059-001529/US/PS1 Title: Early Stopping Rules For Non-Binary Turbo Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9153 of 9672

01-May-2008

31-Jul-2008

Attorney:

Water Metal

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

11-Jul-2008

Convert to Regular NEP

5059-P01530/01

Pending

App No.: 60/949153

App Dt: 11-Jul-2007

MDW

Final

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2031PR

5059-001530/US/PS1

Title: Combining Codebook Selection With Simple Closed- Form SVD For Transmit Beamforming

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008

Foreign Filing Deadline NEP

5059-P01530/01

Pending

App No.: 60/949153

Pat No.:

App Dt: 11-Jul-2007

Iss Dt:

MDW

MDW

Final

HDP Number:

United States of America

Client Reference: Client Ref. 1: MP2031PR

5059-001530/US/PS1

Title: Combining Codebook Selection With Simple Closed- Form SVD For Transmit Beamforming

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008

HDP Number:

Foreign Filing--10 Mo Reminder

5059-P01651/01

Pending

App No.: 60/971324

Pat No.:

App Dt: 11-Sep-2007

Iss Dt:

Reminder

United States of America

Client Reference: Client Ref. 1: MP2155PR

5059-001651/US/PS1

Title: MIMO Decoding In The Presence Of Various Interfering Sources

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9154 of 9672 01-May-2008 31-Jul-2008

Attorney:

Water Medical D

Due Date Action Due Indicator **Action Type**

Matter Number/Subcase

Country

Status

Bibliographic Numbers & Dates

Attorneys

11-Jul-2008

Convert to Regr-10 Mo Reminder

5059-P01651/01

Pending

App No.: 60/971324

App Dt: 11-Sep-2007

Reminder

United States of America

Pat No.:

Iss Dt:

MDW

HDP Number:

Client Reference: Client Ref. 1: MP2155PR

5059-001651/US/PS1

Title: MIMO Decoding In The Presence Of Various Interfering Sources

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008

Foreign Filing--10 Mo Reminder

5059-P01652/01

Pending

App No.: 60/971329

Pat No.:

App Dt: 11-Sep-2007 MDW

Iss Dt:

Reminder

United States of America

HDP Number:

Client Reference: Client Ref. 1: MP2156PR

5059-001652/US/PS1

Title: Parallel Segmental CRC Calculation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008

Convert to Regr-10 Mo Reminder

5059-P01652/01

Pending

App No.: 60/971329

Pat No.:

App Dt: 11-Sep-2007 MDW

Iss Dt:

Reminder

United States of America

HDP Number:

Client Reference: Client Ref. 1: MP2156PR

5059-001652/US/PS1

Title: Parallel Segmental CRC Calculation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9155 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MDW
 Whodes, Michael D

Status

Indicator Action Type Country

Pending **App No.:** 60/971335

Pat No.:

App Dt: 11-Sep-2007 MDW

Iss Dt:

Attorneys

Bibliographic Numbers & Dates

Reminder United States of America

Foreign Filing--10 Mo Reminder

Client Reference: Client Ref. 1: MP2157PR

Title: High Accuracy PGA Patent

5059-P01653/01

Matter Number/Subcase

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Convert to Regr-10 Mo Reminder

5059-P01653/01

Pending

App No.: 60/971335

Pat No.:

App Dt: 11-Sep-2007 MDW

Reminder United States of America

HDP Number:

Client Reference: Client Ref. 1: MP2157PR

5059-001653/US/PS1

Due Date

11-Jul-2008

HDP Number: 5059-001653/US/PS1

Title: High Accuracy PGA Patent

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Foreign Filing--10 Mo Reminder

5059-P01654/01

Pending

App No.: 60/971399

App Dt: 11-Sep-2007 MDW

11-Jul-2008 Reminder

United States of America

Pat No.:

Iss Dt:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2158PR

5059-001654/US/PS1

Title: Multiple PDN Support In Access Network That Uses PMIP

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9156 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: MOW Windows Microse D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

11-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01654/01 Pending *App No.*: 60/971399 *App Dt*: 11-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP2158PR

5059-001654/US/PS1 Title: Multiple PDN Support In Access Network That Uses PMIP

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Update Status 5059-P01855/01 Pending **App No.**: 61/020439 **App Dt**: 11-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2387PR

5059-001855/US/PS1 Title: BICMOS Wideband Amplifier With Efficient Biasing Method For Fast Recovery

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Reminder - Foreign Filing 5059-P01855/01 Pending *App No.*: 61/020439 *App Dt*: 11-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2387PR

5059-001855/US/PS1 Title: BICMOS Wideband Amplifier With Efficient Biasing Method For Fast Recovery

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

01-May-2008

31-Jul-2008

Attorney:

Water Marca D

Due Date Indicator **Action Type**

Action Due Matter Number/Subcase

Country

Status

Attorneys

Page: 9157 of 9672

11-Jul-2008

Convert to Reglr-6 Mo Reminder

5059-P01855/01

Pending

App No.: 61/020439

App Dt: 11-Jan-2008

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

Bibliographic Numbers & Dates

HDP Number:

Client Reference: Client Ref. 1: MP2387PR

5059-001855/US/PS1

Title: BICMOS Wideband Amplifier With Efficient Biasing Method For Fast Recovery

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Reminder - Foreign Filing 5059-P01856A/01

Pending

App No.: 61/020437

App Dt: 11-Jan-2008 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2388PR

5059-001856/US/PS1

Title: Low Power, High Speed, Duty Cycle Keeping, CMOS Level Shifte r

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01856A/01

Pending

App No.: 61/020437

Pat No.:

App Dt: 11-Jan-2008 MDW

Reminder

United States of America

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2388PR

5059-001856/US/PS1

Title: Low Power, High Speed, Duty Cycle Keeping, CMOS Level Shifte r

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9158 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Ministration (MOW)

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

11-Jul-2008 Update Status 5059-P01856A/01 Pending **App No.**: 61/020437 **App Dt**: 11-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2388PR

5059-001856/US/PS1 Title: Low Power, High Speed, Duty Cycle Keeping, CMOS Level Shifte r

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Reminder - Foreign Filing 5059-P01859B/01 Pending *App No.*: 61/020565 *App Dt*: 11-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2391PR3

5059-001859/US/PS3 *Title:* Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Update Status 5059-P01859B/01 Pending **App No.**: 61/020565 **App Dt**: 11-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2391PR3

5059-001859/US/PS3 Title: Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

11-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9159 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Status

Pending

Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

App No.: 61/020565

App Dt: 11-Jan-2008

MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2391PR3 HDP Number:

Convert to Reglr-6 Mo Reminder

5059-001859/US/PS3 Title: Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

5059-P01859B/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01860/01 App No.: 61/020557 App Dt: 11-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2392PR HDP Number:

5059-001860/US/PS1 Title: Improve The Power Saving For IDLE Modes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Reminder - Foreign Filing 5059-P01860/01 Pending App No.: 61/020557 App Dt: 11-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2392PR

5059-001860/US/PS1 Title: Improve The Power Saving For IDLE Modes

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9160 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

11-Jul-2008 Update Status 5059-P01860/01 Pending *App No.*: 61/020557 *App Dt*: 11-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2392PR

5059-001860/US/PS1 Title: Improve The Power Saving For IDLE Modes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 3 Mo Offic Act-1st Ext 8540P-P00169/01 Pending App No.: 10/918621 App Dt: 13-Aug-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-304188

8540P-000169/US Title: ALU Test To Verify The Integrity Of Logical And Comparison Operations

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Due Date Remarks:

11-Jul-2008 Final Offic Act-2nd Appeal Ext 8540P-P00324/01 Pending *App No.*: 11/285488 *App Dt*: 21-Nov-2005 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-306296

8540P-000324/US Title: Vehicle Load Sensing For Transmission Calibration

71101

Client: General Motors Corporation



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9161 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 NEGROUS Menses D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

11-Jul-2008 Foreign Filing Reminder 8540P-P00493/02 Pending **App No.:** 11/853,124 **App Dt:** 11-Sep-2007 MDW

Reminder Foreign Filing United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

8540P-000493/US Title: DSP/FFT Knock System Utilizing Seperate Detection Zones

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Formal Drawings Reminder 8540P-P00527/01 Pending **App No.**: 11/954120 **App Dt**: 11-Dec-2007 MDW

Reminder Formal Drawings United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309271

8540P-000527/US Title: Vehicle Speed Dependant Calibration Trim For Improved Fuel Economy

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Foreign Filing Reminder 8540P-P00528/01 Pending *App No.*: 11/853148 *App Dt*: 11-Sep-2007 MDW

Reminder Foreign Filing United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309359

8540P-000528/US Title: Cranking With Deactivated Cylinder For Direct Injection Engines

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9162 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates** Attorneys

11-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00631/01 Unofficial **App No.:** 11/853470 App Dt: 11-Sep-2007 MDW

United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P001697 HDP Number:

8540P-000631/US Title: Learn Correction Feature For Virtual Flex Fuel Sensor Algorithm

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

11-Jul-2008 Reminder - Foreign Filing 8540P-P00658/02 App No.: 11/972716 App Dt: 11-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002519 HDP Number:

8540P-000658/US Title: Overlap Zoned Electrically Heated DPF

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

11-Jul-2008 Reminder - Foreign Filing 8540P-P00666/02 Pending **App No.:** 11/972952 App Dt: 11-Jan-2008 MDW

United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002697 HDP Number:

8540P-000666/US Title: Microwave Mode Shifted DPF Regeneration

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9163 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

App No.: 11/386276 App Dt: 22-Mar-2006 Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Unofficial

HDP Number: Client Reference: Client Ref. 1: MP0319.D1

5059-000080/US/DVA

Title: Interconnect Structure For Power Transistors

Action Due Remarks:

5059-P00080/02

Client: Marvell Semiconductor Inc.

Due Date Remarks:

3 Mo Offc Act-2nd Ext

12-Jul-2008

5059-000408/US/COA

12-Jul-2008 File Voluntary Amd - 2 weeks 5059-P00202A/01 Published App No.: 2006100648927 App Dt: 20-Mar-2006 MDW

Reminder F-File Voluntary Amendment China (Peoples Republic) Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0607.C1

5059-100202/CN/01 Title: Network System For Distributing Protected Content

Client: Marvell Semiconductor Inc.

Title: Reduced Latentcy FIFO

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 Missing Parts-2nd Ext 5059-P00408/02 App No.: 12/070334 App Dt: 15-Feb-2008 MDW Pending

Due Date **US-Missing Parts** United States of America Pat No.: Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0153.C1

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9164 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Wississ, Bicknet 0

Due Date Action Due Matter Number/Subcase Status
Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

12-Jul-2008 Final Offic Act-2nd Appeal Ext 5059-P00410/01 Pending App No.: 10/358713 App Dt: 04-Feb-2003

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0184

5059-000410/US Title: Switch Failover For Aggregated Data Communication Links

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 Final Offic Act-2nd Ext 5059-P00410/01 Pending App No.: 10/358713 App Dt: 04-Feb-2003 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0184

5059-000410/US Title: Switch Failover For Aggregated Data Communication Links

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 18 Mo Chap II Demand Reminder 5059-P00839/01 Pending App No.: PCT/US2008/000333 App Dt: 10-Jan-2008 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1221.WO

5059-000839/WO/POA *Title:* Multi-Level Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

Indicator

12-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9165 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Status

Published

Action Type Country **Bibliographic Numbers & Dates** Attorneys

App No.: PCT/US2007/019779

App Dt: 12-Sep-2007

MDW

Final Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1311.WO

Matter Number/Subcase

5059-000926/WO/POA Title: Multi-Rake Receiver

Ch II Demand per Srch Rpt NEP

Client: Marvell Semiconductor Inc.

5059-P00926/01

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 Demand Due from Priority Date 5059-P00926/01 Published App No.: PCT/US2007/019779 App Dt: 12-Sep-2007 MDW

Final WO-Demand Due (Priority Date) Patent Cooperation Treaty Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1311.WO HDP Number:

5059-000926/WO/POA Title: Multi-Rake Receiver

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 Foreign Filing Deadline NEP 5059-P01410A/01 Pending App No.: 60/949351 App Dt: 12-Jul-2007 MDW

Iss Dt: Final United States of America Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP1855PR2

5059-001410/US/PS2 Title: IP Mobility Mechanism Selection For Multi- Mode Terminals With Direct IP Connectivity

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

12-Jul-2008 Convert to Regular NEP 5059-P01410A/01 Pending **App No.**: 60/949351 **App Dt**: 12-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1855PR2

5059-001410/US/PS2 Title: IP Mobility Mechanism Selection For Multi- Mode Terminals With Direct IP Connectivity

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 Prefiled Status 5059-P01526/02 Unfiled **App No.**: **App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2027

5059-001526/US *Title*: AES With CBC

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 Prefiled Status 5059-P01529/01 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2030

5059-001529/US Title: Early Stopping Rules For Non-Binary Turbo Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9167 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 Ministry, Ministry, Ministry, Ministry

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 12-Jul-2008 **Prefiled Status** 5059-P01530/02 Unfiled App No.: MDW App Dt: United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2031

5059-001530/US Title: Combining Codebook Selection With Simple Closed- Form SVD For Transmit Beamforming

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

12-Jul-2008 Prefiled Status 5059-P01531/01 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

 HDP Number:
 Client Reference:
 Client Ref. 1: MP2032

 5059-001531/US
 Title:
 Switch-Enhanced Mixer

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 Convert to Regular NEP 5059-P01531A/01 Pending **App No.**: 60/949263 **App Dt**: 12-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2032PR

5059-001531/US/PS1 *Title:* Switch-Enhanced Mixer

Client: Marvell Semiconductor Inc.



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9168 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Whoshes Nichael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

12-Jul-2008 Foreign Filing Deadline NEP 5059-P01531A/01 Pending **App No.**: 60/949263 **App Dt**: 12-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2032PR

5059-001531/US/PS1 *Title:* Switch-Enhanced Mixer

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 Foreign Filing Deadline NEP 5059-P01532/01 Pending App No.: 60/949356 App Dt: 12-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2033PR

5059-001532/US/PS1 Title: Method And Apparatus For Performance Validation Of LCD Sub-System To Eliminate LCD Under-Runs

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

12-Jul-2008 Convert to Regular NEP 5059-P01532/01 Pending *App No.*: 60/949356 *App Dt*: 12-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2033PR

5059-001532/US/PS1 Title: Method And Apparatus For Performance Validation Of LCD Sub-System To Eliminate LCD Under-Runs

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9169 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Matter Number/Subcase **Due Date Action Due** Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 12-Jul-2008 US Filing Due - NEP 5059-P01532A/02 Unfiled MDW App No.: App Dt: Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2033 HDP Number:

5059-001532/US Title: Method And Apparatus For Performance Validation Of LCD Sub-System To Eliminate LCD Under-Runs And Save

Power

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

12-Jul-2008 **US-Target Filing Date** 8540P-P00742/01 Unfiled MDW App No.: App Dt:

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P02206

8540P-000742/US Title: Air Flow Meter Frequency To Intake Air Temperature Correlation Learn Algorithm

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 5059-P00032/02 2nd Extension Pending App No.: 11/270962 **App Dt:** 11-Nov-2005 MDW

Due Date **US-Appeal Brief** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0164.D1 5059-000032/US/DVA Title: ESD Protection Circuit

Client: Marvell Semiconductor Inc.



3 Mo Offc Act-2nd Ext

13-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9170 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

App No.: 11/524113 App Dt: 20-Sep-2006 Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Published

HDP Number: Client Reference: Client Ref. 1: MP0320.C111 5059-000081/US/CPB Title: Efficient Transistor Structure

Client: Marvell Semiconductor Inc.

5059-P00081/03

Action Due Remarks: Due Date Remarks:

13-Jul-2008 Missing Parts-2nd Ext 5059-P00102A/04 Pending App No.: 12/070060 App Dt: 14-Feb-2008 MDW

Due Date **US-Missing Parts** United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0100.I2C1 HDP Number:

5059-000102/US/COD Title: Bit Clearing Mechanism For An Empty List

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Update Status 5059-P00127/03 **Published** App No.: 11/403717 App Dt: 13-Apr-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0216.D2

5059-000127/US/DVB Title: Pre-Emptive Power Supply Control System And Method

Client: Marvell Semiconductor Inc.



Reminder

 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9171 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Missians, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

Pat No.:

Iss Dt:

13-Jul-2008 Update Status 5059-P00127/02 Published **App No.**: 11/403517 **App Dt**: 13-Apr-2006 MDW

HDP Number: Client Reference: Client Ref. 1: MP0216.D1

TIDE NUMBER. CHERRITIES CHERRITIES. 1. WILL VALUE DI

5059-000127/US/DVA Title: Pre-Emptive Power Supply Control System And Method

Client: Marvell Semiconductor Inc.

United States of America

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Instruct Agent - Reg Fees 5059-P00154/01 Pending App No.: 050084144 App Dt: 18-Apr-2005 MDW

Due Date F-Registration Fees European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0481EP

5059-100154/EP Title: Voltage Regulator Feedback Protection Method And Apparatus

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Prefiled Status 5059-P00323/01 Unfiled **App No.**: **App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0700PR

5059-000323/US/PS1 Title: RF Band-Pass Filter With Feedback Control

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9172 of 9672 01-May-2008 31-Jul-2008

Attorney:

Prefiled Status

Due Date

Indicator

13-Jul-2008

Action Due

Matter Number/Subcase Status

Action Type Country **Bibliographic Numbers & Dates** Attorneys

App No.:

MDW

App Dt:

United States of America Reminder Pat No.: Iss Dt:

Unfiled

Client Reference: Client Ref. 1: MP0702PR HDP Number:

5059-000324/US/PS1 Title: Programmable Boostin And Charge Neutralization

Client: Marvell Semiconductor Inc.

5059-P00324/01

Action Due Remarks:

Due Date Remarks:

5059-P00325/01 13-Jul-2008 Prefiled Status Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0703PR HDP Number:

5059-000325/US/PS1 Title: MR Voltage Biasing Scheme With Fast Recovery And Optimum Dynamic Range

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Appeal Brief 4th Extension 5059-P00443A/01 Pending App No.: 11/232437 App Dt: 21-Sep-2005 MDW

Pat No.: Due Date US-Notice Of Panel Decision United States of America Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0796C1

5059-000443/US/COA Title: System And Method For Transferring Data In Storage Controllers

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9173 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Whoding Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

13-Jul-2008 Missing Parts (1st) + 5 (NEP) 5059-P00507/05 Pending **App No.:** 11/981728 **App Dt:** 31-Oct-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0062.11C1

5059-000507/US/COH Title: Method And Apparatus For Recording And Reproducing Digital Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 3 Mo Offic Act-2nd Ext 5059-P00678/02 Published App No.: 11/649899 App Dt: 04-Jan-2007 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1034

5059-000678/US Title: Method And Apparatus For Generating Non-Binary Balanced Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Prefiled Status 5059-P00809/02 Unfiled **App No.**: **App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1188

5059-000809/US Title: Horizontal Strip Column First Two-Dimensional Scaling

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

13-Jul-2008 File Formal Dwgs--8 mo 5059-P01045/02 Pending *App No.*: 11/983856 *App Dt*: 13-Nov-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1557

5059-001045/US Title: Scan Testing System For Circuits Under Test

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01509A/01 Pending *App No.*: 60/955483 *App Dt*: 13-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2008PR

5059-001509/US/PS1 Title: Auto Gain Calibration Algorithm On Burst Signal Stream

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01509A/01 Pending App No.: 60/955483 App Dt: 13-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2008PR

5059-001509/US/PS1 Title: Auto Gain Calibration Algorithm On Burst Signal Stream

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9175 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 13-Jul-2008 Prefiled Status 5059-P01532A/02 Unfiled MDW

App No.:

App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2033 HDP Number:

5059-001532/US Title: Method And Apparatus For Performance Validation Of LCD Sub-System To Eliminate LCD Under-Runs And Save

Power

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

13-Jul-2008 Foreign Filing Deadline NEP 5059-P01533/01 App No.: 60/949617 App Dt: 13-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2034PR

5059-001533/US/PS1 Title: Laser Galvo Support For Multipass Color Laser

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Prefiled Status 5059-P01533/02 Unfiled **MDW** 13-Jul-2008 App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2034 HDP Number:

5059-001533/US Title: Laser Galvo Support For Multipass Color Laser

Client: Marvell Semiconductor Inc.



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9176 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Wississ, Bicknet 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

13-Jul-2008 Convert to Regular NEP 5059-P01533/01 Pending **App No.**: 60/949617 **App Dt**: 13-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2034PR

5059-001533/US/PS1 Title: Laser Galvo Support For Multipass Color Laser

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Convert to Regular NEP 5059-P01534/01 Pending *App No.*: 60/949634 *App Dt*: 13-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2035PR

5059-001534/US/PS1 Title: Multi-Level Flash ADC Data Transfer Interface Specification

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Foreign Filing Deadline NEP 5059-P01534/01 Pending App No.: 60/949634 App Dt: 13-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2035PR

5059-001534/US/PS1 Title: Multi-Level Flash ADC Data Transfer Interface Specification

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Prefiled Status

13-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9177 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Ministration (MOW)

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

App No.:

MDW

App Dt:

Unfiled

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2036

5059-001535/US Title: Method For Shallow Trench Isolation

Client: Marvell Semiconductor Inc.

5059-P01535/01

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Foreign Filing Deadline NEP 5059-P01535A/01 Pending App No.: 60/949648 App Dt: 13-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2036PR

5059-001535/US/PS1 Title: Method For Shallow Trench Isolation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Convert to Regular NEP 5059-P01535A/01 Pending **App No.**: 60/949648 **App Dt**: 13-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2036PR

5059-001535/US/PS1 Title: Method For Shallow Trench Isolation

Client: Marvell Semiconductor Inc.



Action Due

Due Date

 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9178 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NOW Windows Michael D

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

 13-Jul-2008
 Convert to RegIr-1 Mo Reminder
 5059-P01583A/01
 Pending
 App No.: 60/955497
 App Dt: 13-Aug-2007
 MDW

Status

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2082PR

5059-001583/US/PS1 Title: BT Low Power Scan Mode

Client: Marvell Semiconductor Inc.

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01583A/01 Pending **App No.**: 60/955497 **App Dt**: 13-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP2082PR

5059-001583/US/PS1 Title: BT Low Power Scan Mode

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Update Status 8540P-P00084/01 Unofficial **App No.**: 10/464269 **App Dt**: 18-Jun-2003 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-302655

8540P-000084/US Title: Displacement On Demand And ETC Security Interactions And Remedial Actions

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9179 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates** Attorneys

MDW

13-Jul-2008 Update Status 8540P-P00180/01 Pending App No.: 10/965510 App Dt: 14-Oct-2004 Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-304412 HDP Number:

8540P-000180/US Title: Apparatus And Methods For Closed Loop Fuel Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

Final Offc Act-1st Ext 13-Jul-2008 8540P-P00313/01 App No.: 11/134234 App Dt: 20-May-2005 MDW Pending

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-306398

8540P-000313/US Title: Emission Control Strategy For Lean Idle

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Due Date Remarks:

13-Jul-2008 Final Offc Act-1st Appeal Ext 8540P-P00313/01 App No.: 11/134234 App Dt: 20-May-2005 MDW Pending

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-306398

8540P-000313/US Title: Emission Control Strategy For Lean Idle

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9180 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 NEGROUS Menses D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

13-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00590/01 Unofficial App No.: 60/955536 App Dt: 13-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001048

8540P-000590/US Title: Hybrid Battery Control Method For BAS Hybrid Vehicles

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

13-Jul-2008 Convert to Regir-1 Mo Reminder 8540P-P00590/01 Unofficial App No.: 60/955536 App Dt: 13-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001048

8540P-000590/US Title: Hybrid Battery Control Method For BAS Hybrid Vehicles

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

13-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00659/01 Unofficial App No.: 60/972072 App Dt: 13-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002553

8540P-000659/US/PS1 *Title:* Radiant Zone Heated Particulate Filter

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:



13-Jul-2008

HDP Number:

5059-100086/CN/09

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9181 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status

Convert to Regr-10 Mo Reminder

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

App No.: 60/972072

MDW

Unofficial

App Dt: 13-Sep-2007 Reminder United States of America Pat No.:

Iss Dt: Client Reference: Client Ref. 1: P002553

8540P-000659/US/PS1 Title: Radiant Zone Heated Particulate Filter

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

3 Mo Offc Act-1st Ext 14-Jul-2008 5059-P00079/01 Unofficial App No.: 10/715551 App Dt: 17-Nov-2003 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0293

5059-000079/US Title: Further Improved Data Dependent Scrambler

Client: Marvell Semiconductor Inc.

8540P-P00659/01

Action Due Remarks: Due Date Remarks:

14-Jul-2008 Office Action Extension 5059-P00086/09 **Published** App No.: 2004100889248 App Dt: 10-Jul-2003 MDW

Final F-Office Action Pat No.: Iss Dt: China (Peoples Republic)

HDP Number: Client Reference: Client Ref. 1: MP0185WO.CN09

Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9182 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Mississ, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 2004100889163

App Dt: 10-Jul-2003

MDW

Pending

Final F-Office Action China (Peoples Republic) Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.CN08

5059-100086/CN/08 *Title:* Output Regulator

Client: Marvell Semiconductor Inc.

5059-P00086/08

Action Due Remarks:

Due Date Remarks:

Office Action Extension

14-Jul-2008

14-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00089/09 Published **App No.**: 11/367176 **App Dt**: 03-Mar-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0388.I2D3

5059-000089/US/DVH Title: Power Inductor With Reduced DC Current Saturation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 3 Mo Offic Act-Response Due 5059-P00156/04 Published **App No.**: 11/523996 **App Dt**: 20-Sep-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0525.12

5059-000156/US/CPC *Title:* Adaptive Storage System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9183 of 9672 01-May-2008 31-Jul-2008 Wildelin McGaert Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Published

14-Jul-2008 Registration Fees - 2 weeks App No.: 019589704 App Dt: 17-Jul-2001

Reminder F-Registration Fees **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: QLOGICP.021VEP; Client Ref. 2: MP0780

5059-100426/EP/01 Title: Disk Controller Configured To Perform Out Of Order Execution Of Write Operations

Client: Marvell Semiconductor Inc.

5059-P00426/01

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00426/02 Published App No.: 11/509285 App Dt: 24-Aug-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0780.C2 HDP Number:

5059-000426/US/COC Title: Disk Controller Configured To Perform Out Of Order Execution Of Write Operations

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 3 Mo OA (3rd) + 3 (NEP) 5059-P00429/02 **Published App No.:** 11/447572 App Dt: 06-Jun-2006 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0783.C1

5059-000429/US/COB Title: Method And System For Embedded Disk Controllers

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9184 of 9672 01-May-2008 31-Jul-2008

Attorney: Wiccian Michael ()

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

14-Jul-2008 Missing Parts (1st) + 5 (NEP) 5059-P00507/11 Pending App No.: 11/981625 App Dt: 31-Oct-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0062.C1 HDP Number:

5059-000507/US/CON Title: Method And Apparatus For Recording And Reproducing Digital Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Final Offc Act-Appeal Due 5059-P00532/07 **App No.:** 11/701572 App Dt: 02-Feb-2007 Pending MDW

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0115.D2aa

5059-000532/US/COF Title: Integrated Chip Package Having Intermediate Substrate

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Final Offc Act- Response Due 5059-P00532/07 Pending **App No.:** 11/701572 App Dt: 02-Feb-2007 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0115.D2aa

5059-000532/US/COF Title: Integrated Chip Package Having Intermediate Substrate

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9185 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

14-Jul-2008 Appeal Due + 3 (NEP) 5059-P00574/02 Pending **App No.:** 11/788571 **App Dt:** 20-Apr-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0535.C1

5059-000574/US/COA Title: Fully Differential Current-Feedback CMOS/Bipolar Operational Amplifier

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Prefiled Status 5059-P00807/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1186

5059-000807/US Title: ADC Output Based Timing Loop

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Prefiled Status 5059-P00808/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1187

5059-000808/US *Title:* Timing Loop With Large Pull-In Range

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9186 of .9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NEW Microsopy Microsopy
 Newsopy Microsopy

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

14-Jul-2008 Update Status 5059-P01064/01 Pending **App No.**: 10/927682 **App Dt**: 27-Aug-2004

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1516

5059-001064/US Title: Serially Indexing A Cache Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Update Status 5059-P01235/01 Pending **App No.**: 11/139313 **App Dt**: 27-May-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1725

5059-001235/US Title: Digital Image Processing Without Rasterization

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01592/01 Pending *App No.*: 60/955752 *App Dt*: 14-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2261PR

5059-001592/US/PS1 Title: Joint Estimation Of Channel And Preamble Sequence For Orthogonal Frequency Division Muliplexing Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9187 of 9672 01-May-2008 31-Jul-2008 Wildelin McGaert Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

14-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01592/01 Pending **App No.:** 60/955752 App Dt: 14-Aug-2007 MDW

United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2261PR

5059-001592/US/PS1 Title: Joint Estimation Of Channel And Preamble Sequence For Orthogonal Frequency Division Muliplexing Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01657/01 App No.: 60/972498 App Dt: 14-Sep-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2161PR HDP Number:

5059-001657/US/PS1 Title: Auto-Zero Sensing Scheme And Current Sensing Amplifier

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01657/01 Pending App No.: 60/972498 App Dt: 14-Sep-2007 MDW

Reminder United States of America Iss Dt: Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP2161PR

5059-001657/US/PS1 Title: Auto-Zero Sensing Scheme And Current Sensing Amplifier

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Update Status

14-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9188 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 61/020879

App Dt: 14-Jan-2008

MDW

Reminder United States of America Pat No.: Iss Dt:

Pending

HDP Number: Client Reference: Client Ref. 1: MP2391PR4

5059-001859/US/PS4 Title: Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

5059-P01859C/01

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Reminder - Foreign Filing 5059-P01859C/01 Pending **App No.**: 61/020879 **App Dt**: 14-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2391PR4

5059-001859/US/PS4 *Title:* Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01859C/01 Pending **App No.**: 61/020879 **App Dt**: 14-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2391PR4

5059-001859/US/PS4 *Title:* Personal Mobile Device (PMD)

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9189 of 9672 01-May-2008 31-Jul-2008 Wiccins Messel () Attorney:

Matter Number/Subcase **Due Date Action Due** Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

14-Jul-2008 Convert to Reglr-6 Mo Reminder Pending App No.: 61/020887 App Dt: 14-Jan-2008 Reminder United States of America Iss Dt: Pat No.:

Client Reference: Client Ref. 1: MP2393PR HDP Number:

5059-001861/US/PS1 Title: Enhancement To OPTC Algorithm

Client: Marvell Semiconductor Inc.

5059-P01861/01

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Update Status 5059-P01861/01 App No.: 61/020887 App Dt: 14-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2393PR

5059-001861/US/PS1 Title: Enhancement To OPTC Algorithm

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Reminder - Foreign Filing 5059-P01861/01 App No.: 61/020887 App Dt: 14-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2393PR

5059-001861/US/PS1 Title: Enhancement To OPTC Algorithm

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9190 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Menne D

Action Due Due Date Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 14-Jul-2008 Update Status 5059-P01862/01 Pending App No.: 61/020896 App Dt: 14-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt: Client Reference: Client Ref. 1: MP2394PR HDP Number:

5059-001862/US/PS1

Title: High Speed Circuits Client: Marvell Semiconductor Inc.

> Action Due Remarks: Due Date Remarks:

14-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01862/01 App No.: 61/020896 App Dt: 14-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2394PR

Client: Marvell Semiconductor Inc.

Title: High Speed Circuits

Action Due Remarks:

Due Date Remarks:

5059-001862/US/PS1

5059-001862/US/PS1

Pending 14-Jul-2008 Reminder - Foreign Filing 5059-P01862/01 App No.: 61/020896 App Dt: 14-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2394PR

Client: Marvell Semiconductor Inc.

Title: High Speed Circuits

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9191 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

14-Jul-2008 Update Status Pending App No.: 61/020901 App Dt: 14-Jan-2008 United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2395PR HDP Number:

5059-001863/US/PS1 Title: Emergency Programmable Pattern Activated Response

Client: Marvell Semiconductor Inc.

5059-P01863/01

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01863/01 App No.: 61/020901 App Dt: 14-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2395PR

5059-001863/US/PS1 Title: Emergency Programmable Pattern Activated Response

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Reminder - Foreign Filing 5059-P01863/01 Pending App No.: 61/020901 App Dt: 14-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2395PR

5059-001863/US/PS1 Title: Emergency Programmable Pattern Activated Response

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Update Status

14-Jul-2008

Due Date Action Due Matter Number/Subcase Status
Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 61/020907

App Dt: 14-Jan-2008

MDW

Reminder United States of America Pat No.: Iss Dt:

Pending

HDP Number: Client Reference: Client Ref. 1: MP2396PR

5059-001864/US/PS1 Title: Direct Command Line Parser (DCLP)

Client: Marvell Semiconductor Inc.

5059-P01864/01

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Reminder - Foreign Filing 5059-P01864/01 Pending **App No.**: 61/020907 **App Dt**: 14-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2396PR

5059-001864/US/PS1 Title: Direct Command Line Parser (DCLP)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01864/01 Pending **App No.**: 61/020907 **App Dt**: 14-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2396PR

5059-001864/US/PS1 Title: Direct Command Line Parser (DCLP)

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9193 of 9672 01-May-2008 31-Jul-2008 Wiccord Michigan Attorney:

3 Mo Offc Act-2nd Ext

14-Jul-2008

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

App No.: 11/389567 App Dt: 24-Mar-2006 Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Unofficial

HDP Number: Client Reference: Client Ref. 1: GP-305453

8540P-000244/US Title: Brake Booster Vacuum Sensor Rationality Diagnostic

Client: General Motors Corporation

8540P-P00244/01

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Appeal Due + 3 (NEP) 8540P-P00419/01 Unofficial App No.: 11/669238 App Dt: 31-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-308143 HDP Number:

8540P-000419/US Title: Oxygen Sensor Heater Control Using Heater Resistance As Exhaust Gas Temperature Sensor

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 3 Mo Offc Act-1st Ext 8540P-P00430/01 Pending App No.: 11/455298 App Dt: 16-Jun-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308720

8540P-000430/US Title: Cold Rattle Reduction Control System

Client: General Motors Corporation

Action Due Remarks: Received by GM 4/10/2008.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9194 of 9672 01-May-2008 31-Jul-2008

Attorney:

Due Date

Indicator

14-Jul-2008

Water Metal

Action Due

Matter Number/Subcase Status **Action Type** Country

Bibliographic Numbers & Dates Attorneys

Foreign Filing United States of America Reminder Pat No.: Iss Dt:

Unofficial

Client Reference: Client Ref. 1: GP-308655 HDP Number:

Foreign Filing Reminder

8540P-000445/US Title: Air Filter Restriction Monitoring Without Pre-Throttle Pressure Sensors

8540P-P00445/01

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Reminder - Foreign Filing 8540P-P00455A/01

Pending

App No.: 12/013699

Pat No.:

App No.: 11/626579

App Dt: 14-Jan-2008 MDW

Iss Dt:

App Dt: 24-Jan-2007

MDW

Reminder HDP Number: United States of America

Client Reference: Client Ref. 1: GP-308513

8540P-000455/US

Title: Use Of Torque Model At Virtual Engine Conditions

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00563/01

Unofficial

App No.: 60/972337

App Dt: 14-Sep-2007 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: P000609

8540P-000563/US/PS1

Title: Virtual Fuel Sensor For Duel Fuel Tank Applications

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9195 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: MOW Windows Microse D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

14-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00563/01 Unofficial *App No.*: 60/972337 *App Dt*: 14-Sep-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000609

8540P-000563/US/PS1 Title: Virtual Fuel Sensor For Duel Fuel Tank Applications

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Reminder - Foreign Filing 8540P-P00598/02 Pending **App No.**: 12/013676 **App Dt**: 14-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000603

8540P-000598/US Title: Auto-Stop (Hybrid Engine Off) Brake Booster Vacuum Leak Diagnostic

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Update Status 8540P-P00598/02 Pending **App No.**: 12/013676 **App Dt**: 14-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000603

8540P-000598/US Title: Auto-Stop (Hybrid Engine Off) Brake Booster Vacuum Leak Diagnostic

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9196 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

14-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00634/01 Unofficial **App No.**: 60/955743 **App Dt**: 14-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002045

8540P-000634/US/PS1 Title: Electrically Heated Particulate Filter With Reduced Stress

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00634/01 Unofficial App No.: 60/955743 App Dt: 14-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002045

8540P-000634/US/PS1 Title: Electrically Heated Particulate Filter With Reduced Stress

Client: General Motors Corporation

Action Due Remarks: /e

Due Date Remarks:

14-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00658/01 Unofficial App No.: 60/972332 App Dt: 14-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002519

8540P-000658/US/PS1 Title: Overlap Zoned Electrically Heated DPF

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9197 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOV Windows Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 14-Jul-2008
 Convert to Regr-10 Mo Reminder
 8540P-P00658/01
 Unofficial
 App No.: 60/972332
 App Dt: 14-Sep-2007

 Reminder
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002519

8540P-000658/US/PS1 Title: Overlap Zoned Electrically Heated DPF

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00660/01 Unofficial **App No.**: 60/972517 **App Dt**: 14-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002554

8540P-000660/US/PS1 Title: Face Crack Reduction Strategy

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00660/01 Unofficial App No.: 60/972517 App Dt: 14-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002554

8540P-000660/US/PS1 Title: Face Crack Reduction Strategy

Client: General Motors Corporation

Action Due Remarks:



Action Due

Due Date

Indicator

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9198 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Status

Unofficial

Action Type Country

Bibliographic Numbers & Dates Attorneys

MDW

14-Jul-2008 Foreign Filing--10 Mo Reminder App No.: 60/972326 App Dt: 14-Sep-2007 United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002558 HDP Number:

8540P-000661/US Title: Electrically Heated DPF Soot Control Strategy

Client: General Motors Corporation

8540P-P00661/02

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00661/01 Unofficial App No.: 60/972326 App Dt: 14-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002558

8540P-000661/US/PS1 Title: Electrically Heated DPF Soot Control Strategy

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

14-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00661/01 Unofficial App No.: 60/972326 App Dt: 14-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002558

8540P-000661/US/PS1 Title: Electrically Heated DPF Soot Control Strategy

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9199 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates** Attorneys

Unofficial

Convert to Regr-10 Mo Reminder App Dt: 14-Sep-2007

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002574 HDP Number:

8540P-000662/US/PS1 Title: Low Exhaust Temperature Electrically Heated DPF

Client: General Motors Corporation

8540P-P00662/01

Action Due Remarks:

Due Date Remarks:

Foreign Filing--10 Mo Reminder 8540P-P00662/01

Unofficial

App No.: 60/972322

App No.: 60/972322

App Dt: 14-Sep-2007 MDW

MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002574 HDP Number:

8540P-000662/US/PS1

Title: Low Exhaust Temperature Electrically Heated DPF

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Non-Compliant Brief Due-2 Ext 5059-P00088/01

Unofficial App No.: 10/796599

App Dt: 09-Mar-2004 MDW

Due Date US-Non-Compliant Appeal Brief United States of America Pat No.: Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0386

5059-000088/US

14-Jul-2008

14-Jul-2008

Title: Secure Hard Drive

Client: Marvell Semiconductor Inc.

Action Due Remarks:



15-Jul-2008

15-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9200 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Matter Number/Subcase **Due Date Action Due** Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Instructions to Agent Pending App No.: 050106731 App Dt: 17-May-2005 Due Date F-Office Action Pat No.: Iss Dt: **European Patent Convention**

HDP Number: Client Reference: Client Ref. 1: MP0525.D3.EP

5059-100156/EP/03 Title: Adaptive Storage System

Client: Marvell Semiconductor Inc.

5059-P00156/04

Action Due Remarks: Due Date Remarks:

15-Jul-2008 Instructions to Agent 5059-P00173/01 App No.: 2005252816 App Dt: 31-Aug-2005 MDW Pending

Due Date Request Exam Pat No.: Iss Dt: Japan

HDP Number: Client Reference: Client Ref. 1: MP0577JP

5059-100173/JP Title: Unified Control And Memory For A Combined DVD/HDD System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Rescind Non-Publication NEP 5059-P00201/02 Pending App No.: 11/653731 App Dt: 15-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0248.C1

5059-000201/US/COA Title: Dynamic Random Access Memory Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

ator Action Type Country Bibliographic Numbers & Dates Attorneys

15-Jul-2008 Final Offic Act-2nd Appeal Ext 5059-P00229/01 Unofficial **App No.:** 10/287947 **App Dt:** 05-Nov-2002 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0191

5059-000229/US Title: Context-Switching Multi Channel Programmable Stream Parser

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Update Status 5059-P00231/02 Granted *App No.*: 11/252463 *App Dt*: 17-Oct-2005 MDW

Reminder United States of America Pat No.: 7348857 Iss Dt: 25-Mar-2008

HDP Number: Client Reference: Client Ref. 1: MP0651

5059-000231/US Title: Monitoring And Compensating For Real Time Local Circuit Speed In An Integrated Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Check if IPER received 5059-P00672/01 Published **App No.**: PCT/US2007/006425 **App Dt**: 14-Mar-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1029/WO

5059-000672/WO/POA *Title:* Cross-Point Memory Array

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

15-Jul-2008

5059-000672/WO/POA

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9202 of 9672 01-May-2008 31-Jul-2008 Attorney:

Status

Indicator **Action Type** Country

> **Published** App No.: PCT/US2007/006425

> > Pat No.:

App Dt: 14-Mar-2007 MDW

Iss Dt:

Attorneys

Bibliographic Numbers & Dates

Reminder Patent Cooperation Treaty

HDP Number: Client Reference: Client Ref. 1: MP1029/WO

> Title: Cross-Point Memory Array Client: Marvell Semiconductor Inc.

5059-P00672/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Update Status 5059-P01175/02

28 Mo National Stage Reminder

Pending

App No.: 12/008963

App Dt: 15-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1667 HDP Number:

5059-001175/US Title: Beacon Miss Prevention In 802.11Power Save Using TSF Synchronization

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01557A/01

Pending

App No.: 60/956073

App Dt: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2058PR2 HDP Number:

5059-001557/US/PS2 Title: Code Mapping And Scrambling For The SSCH

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9203 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: Wisatins.Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

15-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01557A/01 Pending **App No.**: 60/956073 **App Dt**: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2058PR2

5059-001557/US/PS2 Title: Code Mapping And Scrambling For The SSCH

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01593/01 Pending **App No.**: 60/955944 **App Dt**: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2096PR

5059-001593/US/PS1 Title: A Method To Enable Multiple Concurrent Phone Connection Using One Account

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01593/01 Pending **App No.**: 60/955944 **App Dt**: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2096PR

5059-001593/US/PS1 Title: A Method To Enable Multiple Concurrent Phone Connection Using One Account

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9204 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Ministration D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

15-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01594/01 Pending *App No.*: 60/955938 *App Dt*: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2097PR

5059-001594/US/PS1 Title: All-Digital Jitter Measurement Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01594/01 Pending **App No.**: 60/955938 **App Dt**: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2097PR

5059-001594/US/PS1 Title: All-Digital Jitter Measurement Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01595/01 Pending *App No.*: 60/955935 *App Dt*: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2098PR

5059-001595/US/PS1 Title: Method Of Plant Gain Calibration For Optical Storage Servo System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9205 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 NEGROUS Memory

Due Date Action Due Matter Number/Subcase

Action Type

Convente Deals 1 Ma Deminder

---- Davisasiav

Status

Bibliographic Numbers & Dates

Attorneys

15-Jul-2008

Indicator

Convert to Reglr-1 Mo Reminder

5059-P01595/01

Country

Client Reference: Client Ref. 1: MP2098PR

Pending

App No.: 60/955935

Pat No.:

App Dt: 15-Aug-2007

Iss Dt:

MDW

Reminder

HDP Number:

United States of America

5059-001595/US/PS1

Title: Method Of Plant Gain Calibration For Optical Storage Servo System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 F

Foreign Filing - 1 Mo Reminder

5059-P01596/01

Pending

App No.: 60/955948

App Dt: 15-Aug-2007 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2099PR

5059-001596/US/PS1

Title: Pilot Design For Frequency Reuse 1 In Cellular OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008

Convert to Reglr-1 Mo Reminder

5059-P01596/01

Pending

App No.: 60/955948

Pat No.:

App Dt: 15-Aug-2007 MDW

Iss Dt:

Reminder

HDP Number:

United States of America

Client Reference: Client Ref. 1: MP2099PR

5059-001596/US/PS1

Title: Pilot Design For Frequency Reuse 1 In Cellular OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9206 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Mississ, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

15-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01597/01 Pending *App No.*: 60/955952 *App Dt*: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2100PR

5059-001597/US/PS1 Title: ZF And Mixed MMSE/ZF Equalizer Adaptation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Convert to RegIr-1 Mo Reminder 5059-P01597/01 Pending **App No.**: 60/955952 **App Dt**: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2100PR

5059-001597/US/PS1 Title: ZF And Mixed MMSE/ZF Equalizer Adaptation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01598/01 Pending *App No.*: 60/955930 *App Dt:* 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2101PR

5059-001598/US/PS1 Title: Writing Spirals Based On Servo Tracks On A Different Sample Rate

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9207 of 9672 01-May-2008 31-Jul-2008

Attorney:

Action Due

Matter Number/Subcase

Action Type

Country

Status

Bibliographic Numbers & Dates

Attorneys

15-Jul-2008

Convert to Reglr-1 Mo Reminder

5059-P01598/01

Pending

App No.: 60/955930

App Dt: 15-Aug-2007

Reminder

Due Date

Indicator

United States of America

Pat No.:

Iss Dt:

MDW

HDP Number:

Client Reference: Client Ref. 1: MP2101PR

5059-001598/US/PS1

Title: Writing Spirals Based On Servo Tracks On A Different Sample Rate

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008

Convert to Reglr-1 Mo Reminder

5059-P01599/01

Pending

App No.: 60/955990

App Dt: 15-Aug-2007 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2102PR

5059-001599/US/PS1

Title: Methods to Sync Up Spiral Servo in SSW

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008

Foreign Filing - 1 Mo Reminder

5059-P01599/01

Pending

App No.: 60/955990

App Dt: 15-Aug-2007 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2102PR

5059-001599/US/PS1

Title: Methods to Sync Up Spiral Servo in SSW

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

15-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01600/01 Pending *App No.*: 60/956001 *App Dt*: 15-Aug-2007 MDW

Status

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2103PR

5059-001600/US/PS1 Title: Method To Control Track Pitch In A Self-Servowrite Process

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01600/01 Pending *App No.*: 60/956001 *App Dt*: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2103PR

5059-001600/US/PS1 Title: Method To Control Track Pitch In A Self-Servowrite Process

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01601/01 Pending **App No.**: 60/956079 **App Dt**: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2000PR

5059-001601/US/PS1 Title: Bipolar Transistor, Non-Volatile Memory Cell And Array In CMOS Logic And Method Making The Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9209 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Wissiass Blobset 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

15-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01601/01 Pending App No.: 60/956079 App Dt: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2000PR

5059-001601/US/PS1 Title: Bipolar Transistor, Non-Volatile Memory Cell And Array In CMOS Logic And Method Making The Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Convert to Regir-6 Mo Reminder 5059-P01865/01 Pending **App No.**: 61/021173 **App Dt**: 15-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2397PR

5059-001865/US/PS1 Title: Digital Baseband DC Offset Calibration Methods For OFDM Syst ems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Reminder - Foreign Filing 5059-P01865/01 Pending *App No.*: 61/021173 *App Dt*: 15-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2397PR

5059-001865/US/PS1 Title: Digital Baseband DC Offset Calibration Methods For OFDM Syst ems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9210 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

15-Jul-2008 Update Status 5059-P01865/01 Pending App No.: 61/021173 App Dt: 15-Jan-2008 MDW

United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2397PR HDP Number:

5059-001865/US/PS1 Title: Digital Baseband DC Offset Calibration Methods For OFDM Syst ems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

8540P-P00172/01 15-Jul-2008 Appeal Due (2) + 3 (NEP) Published App No.: 11/060973 App Dt: 18-Feb-2005 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-304430 HDP Number:

8540P-000172/US Title: Design To Remove Short Diagnostic Between Redundant Throttle Sensors In Future ETC Architectures

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00452A/01 Unofficial App Dt: 15-Aug-2007 MDW **App No.:** 60/964880

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308838

8540P-000452/US/PS1 Title: Method To Synthesize Minimum And Maximum Energy Storage Module Voltages From More Frequently Updated

Full Pack Level Measurements

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9211 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEW Wheelers Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

indicator Action Type Country Bibliographic Numbers & Dates Attorneys

15-Jul-2008 Convert to RegIr-1 Mo Reminder 8540P-P00452A/01 Unofficial *App No.*: 60/964880 *App Dt*: 15-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308838

8540P-000452/US/PS1 Title: Method To Synthesize Minimum And Maximum Energy Storage Module Voltages From More Frequently Updated

Full Pack Level Measurements

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

15-Jul-2008 Stat Bar 8540P-P00570/01 Unfiled **App No.: App Dt:** MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000773

8540P-000570/US Title: Fuel Saver Mode

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Update Status 8540P-P00651/01 Pending **App No.**: 61/021112 **App Dt**: 15-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002148

8540P-000651/US/PS1 *Title:* Axle Torque Based Cruise Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9212 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

15-Jul-2008 Convert to Reglr-6 Mo Reminder Pending App No.: 61/021112 App Dt: 15-Jan-2008 Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002148 HDP Number:

8540P-000651/US/PS1 Title: Axle Torque Based Cruise Control

Client: General Motors Corporation

8540P-P00651/01

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Reminder - Foreign Filing 8540P-P00651/01 **App No.:** 61/021112 App Dt: 15-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002148 HDP Number:

8540P-000651/US/PS1 Title: Axle Torque Based Cruise Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

15-Jul-2008 Priority document filed? 8540P-P00653/01 Unofficial App No.: 12/103317 App Dt: 15-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002020 HDP Number:

8540P-000653/US Title: Dual Belt BAS Concept

Client: General Motors Corporation

Action Due Remarks:



16-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9213 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 10/191663

App Dt: 08-Jul-2002

MDW

Final United States of America Pat No.: Iss Dt:

Pending

HDP Number: Client Reference: Client Ref. 1: MP0129

Appeal Due + 3 (NEP)

5059-000024/US Title: Apparatus and Method For doing Packet Header Alteration In L 3/MPLS Switches

Client: Marvell Semiconductor Inc.

5059-P00024/01

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Registration Fees - 2 weeks 5059-P00086/09 Published **App No.**: 040231920 **App Dt**: 29-Sep-2004 MDW

Reminder F-Registration Fees European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP09

5059-100086/EP/09 *Title:* Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Registration Fees - 2 weeks 5059-P00086/07 Published **App No.**: 040232472 **App Dt:** 29-Sep-2004 MDW

Reminder F-Registration Fees European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP07

5059-100086/EP/07 *Title:* Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:



16-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9214 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Registration Fees - 2 weeks App No.: 040232498 App Dt: 29-Sep-2004 Reminder F-Registration Fees **European Patent Convention** Pat No.: Iss Dt:

Published

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP08

5059-100086/EP/08 Title: Output Regulator

Client: Marvell Semiconductor Inc.

5059-P00086/08

Action Due Remarks: Due Date Remarks:

16-Jul-2008 Final Offc Act- Response Due 5059-P00097/01 Unofficial **App No.:** 10/665252 App Dt: 19-Sep-2003 MDW

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0405

5059-000097/US Title: WLAN Ad-Hoc Mode For Low Power Applications

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

16-Jul-2008 Final Offc Act-Appeal Due 5059-P00097/01 Unofficial **App No.:** 10/665252 App Dt: 19-Sep-2003 MDW

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0405

5059-000097/US Title: WLAN Ad-Hoc Mode For Low Power Applications

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9215 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Steel

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 16-Jul-2008 Update Status 5059-P00123/09 **Published** App No.: 11/486557 App Dt: 14-Jul-2006 MDW Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0199.I2C4 HDP Number: 5059-000123/US/COH

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

16-Jul-2008 3 Mo Offc Act-Response Due 5059-P00130/02 App No.: 11/800816 App Dt: 08-May-2007 MDW Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0461.C1 5059-000130/US/COA Title: Interpolator Testing Circuit

Title: Crystal Oscillator Emulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

5059-000142/US

16-Jul-2008 Final Offc Act-Response Due 5059-P00142/01 **Published** App No.: 10/866326 App Dt: 09-Jun-2004 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0505

Client: Marvell Semiconductor Inc.

Title: Glassy Metal Disc

Action Due Remarks: Due Date Remarks:



16-Jul-2008

5059-000352/WO/POA

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9216 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

App Dt: 09-Jun-2004

MDW

Final Offc Act-Appeal Due App No.: 10/866326 Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

Published

Client Reference: Client Ref. 1: MP0505 HDP Number:

5059-000142/US Title: Glassy Metal Disc

Client: Marvell Semiconductor Inc.

5059-P00142/01

Action Due Remarks: Due Date Remarks:

16-Jul-2008 1st Extension 5059-P00189/02 App No.: 11/103755 App Dt: 12-Apr-2005 MDW Pending

Due Date **US-Appeal Brief** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0587

5059-000189/US Title: Adjustable Frequency PWM Driver

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

16-Jul-2008 29 Mo National Stage Reminder 5059-P00352/01 Published App No.: PCT/US2007/003717 App Dt: 13-Feb-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0710/WO

Client: Marvell Semiconductor Inc.

Title: Dual MAC Arbitration

Action Due Remarks: Due Date Remarks:



Friday, May 02; 2008 Due Date List (by Attorney)

01-May-2008 To

31-Jul-2008

Attorney:

W WARREN

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Bibliographic Numbers & Dates

Attorneys

16-Jul-2008

3 Mo Offc Act-Response Due

5059-P00447/01

Pending App No.: 10/894143

App Dt: 19-Jul-2004

.....

Page: 9217 of 9672

Due Date

US-3 Month Office Action

United States of America

Pat No.:

: Iss Dt:

MDW

HDP Number:

Client Reference: Client Ref. 1: MP0800

5059-000447/US

Title: System And Method For Transmitting Data In Storage Controllers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 1st Extension

5059-P00486/06

Pending

App No.: 11/523251

App Dt: 19-Sep-2006 MDW

Due Date

US-Appeal Brief

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0039.C1D3

5059-000486/US/DVE

Title: Active Resistive Summer For A Transformer Hybrid

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Ext to HK after Publication

5059-P00647/01

Published

App No.: 2005800443386

App Dt: 21-Oct-2005 MDW

Due Date

Extension to Hong Kong

China (Peoples Republic)

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0933PCTCN

5059-100647/CN/01

Title: Encoding And Error Correction System For Enhanced Performance

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9218 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 16-Jul-2008
 Update Status
 5059-P00683/02
 Pending
 App No.: 11/787302
 App Dt: 16-Apr-2007

 Reminder
 United States of America
 Pat No.:
 Iss Dt:

Reminder United States of America Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP0937.C1

5059-000683/US/COA Title: System And Method For A DDR SDRAM Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

16-Jul-2008 Update Status 5059-P01101/02 Pending **App No.**: 11/950168 **App Dt**: 04-Dec-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1589

5059-001101/US Title: Plug-In Vehicle

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Priority document filed? 5059-P01384/02 Unofficial **App No.**: 12/104050 **App Dt**: 16-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1876

5059-001384/US Title: Improved Colpitt Oscillator

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9219 of 9672 01-May-2008 31-Jul-2008

Attorney:

Water Metal

Due Date Action Due Indicator **Action Type**

Matter Number/Subcase

Country

Status

Bibliographic Numbers & Dates

Attorneys

16-Jul-2008

Convert to Reglr-1 Mo Reminder

5059-P01602/01

Pending

App No.: 60/956228

App Dt: 16-Aug-2007

Reminder

United States of America

Pat No.:

Iss Dt:

MDW

HDP Number:

Client Reference: Client Ref. 1: MP2104PR

5059-001602/US/PS1

Title: An Apparatus To Perform Spiral Sets Switching In Harmonic Spiral Tracks

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01602/01

Pending

App No.: 60/956228

App Dt: 16-Aug-2007 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2104PR

5059-001602/US/PS1

Title: An Apparatus To Perform Spiral Sets Switching In Harmonic Spiral Tracks

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008

Foreign Filing - 1 Mo Reminder

5059-P01603/01

Pending

App No.: 60/956234

App Dt: 16-Aug-2007

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2105PR

5059-001603/US/PS1

Title: High Bandwidth Disk-Drive Spindle Motor Control Method

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney: State St

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

16-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01603/01 Pending *App No.*: 60/956234 *App Dt*: 16-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2105PR

5059-001603/US/PS1 Title: High Bandwidth Disk-Drive Spindle Motor Control Method

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01604/01 Pending *App No.*: 60/956240 *App Dt*: 16-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2106PR

5059-001604/US/PS1 Title: Repetitive Error Correction Method For Disk-Drive Spindle Motor Control Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01604/01 Pending *App No.*: 60/956240 *App Dt*: 16-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2106PR

5059-001604/US/PS1 Title: Repetitive Error Correction Method For Disk-Drive Spindle Motor Control Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9221 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Wississ, Bichsel 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

16-Jul-2008 Convert to Regir-1 Mo Reminder 5059-P01605/01 Pending *App No.*: 60/956244 *App Dt*: 16-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2107PR

5059-001605/US/PS1 Title: Method And Apparatus For "Social Engineering" Resistant User Interface For Toggling A Connected Device Into

Secure And Non Secure Modes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01605/01 Pending *App No.*: 60/956244 *App Dt*: 16-Aug-2007 MDW

Reminder United States of America Pat No.: iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2107PR

5059-001605/US/PS1 Title: Method And Apparatus For "Social Engineering" Resistant User Interface For Toggling A Connected Device Into

Secure And Non Secure Modes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01606/01 Pending **App No.**: 60/956255 **App Dt**: 16-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2108PR

5059-001606/US/PS1 Title: Efficient Clock Doubler With Duty-Cycle Correction

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9222 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase

Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

16-Jul-2008 Foreign Filing - 1 Mo Reminder Pending App No.: 60/956255 App Dt: 16-Aug-2007 United States of America Iss Dt: Reminder Pat No.:

Client Reference: Client Ref. 1: MP2108PR HDP Number:

5059-001606/US/PS1 Title: Efficient Clock Doubler With Duty-Cycle Correction

Client: Marvell Semiconductor Inc.

5059-P01606/01

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Reminder - Foreign Filing 5059-P01866A/01 App No.: 61/021451 App Dt: 16-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2398PR HDP Number:

5059-001866/US/PS1 Title: Using The Data Run-In And Data Run-Out Area Edge Control On A BD Disc

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01866A/01 Pending App No.: 61/021451 App Dt: 16-Jan-2008 MDW

United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2398PR

5059-001866/US/PS1 Title: Using The Data Run-In And Data Run-Out Area Edge Control On A BD Disc

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney, State St

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

16-Jul-2008 Update Status 5059-P01866A/01 Pending *App No.*: 61/021451 *App Dt*: 16-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2398PR

5059-001866/US/PS1 Title: Using The Data Run-In And Data Run-Out Area Edge Control On A BD Disc

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Update Status 5059-P01867/01 Pending **App No.**: 61/021452 **App Dt**: 16-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2399PR

5059-001867/US/PS1 Title: A Smart Disassembler Which Is Easy To Maintain And Extendable

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01867/01 Pending *App No.*: 61/021452 *App Dt*: 16-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2399PR

5059-001867/US/PS1 Title: A Smart Disassembler Which Is Easy To Maintain And Extendable

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney,

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

16-Jul-2008 Reminder - Foreign Filing 5059-P01867/01 Pending *App No.*: 61/021452 *App Dt*: 16-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2399PR

5059-001867/US/PS1 Title: A Smart Disassembler Which Is Easy To Maintain And Extendable

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 3 Mo Offic Act-Due 2 Wks Final 8540P-P00195/01 Pending **App No.**: 11/017173 **App Dt**: 20-Dec-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-304870

8540P-000195/US Title: Decel-Rate Based Spintrol (Engine Spin Control) And HEOff (Hybrid Engine Off) Functionality

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Update Status 8540P-P00224/01 Unofficial **App No.**: 11/263220 **App Dt**: 31-Oct-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-305222

8540P-000224/US Title: High-Win Circuit For Multi-Phase Peak Current Mode Control

Client: General Motors Corporation

Onomi dellora motore del peraner

Action Due Remarks:



Due Date Action Due Matter Number/Subcase

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

16-Jul-2008 English Translation (Prov App) 8540P-P00489/01 Unofficial App No.: 60/918612 App Dt: 16-Mar-2007 MDW

Status

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309092-PTE-CD

8540P-000489/US/PS1 Title: LAVA Service Indicator: Percent Throttle Bosy Coked

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 English Translation (Prov App) 8540P-P00514/01 Unofficial **App No.**: 60/918613 **App Dt**: 16-Mar-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000081-PTE-CD

8540P-000514/US/PS1 Title: Model Based Vehicle Overspeed Algorithm

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Foreign Filing Deadline NEP 8540P-P00542/01 Unofficial **App No.**: 60/959697 **App Dt**: 16-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000046

8540P-000542/US/PS1 Title: Association Of Torque Requesting Modules In A Coordinated Torque Architecture

Client: General Motors Corporation

Action Due Remarks:



16-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9226 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: Wisatins.Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 60/959697

App Dt: 16-Jul-2007

MDW

Unofficial

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000046

Convert to Regular NEP

8540P-000542/US/PS1 Title: Association Of Torque Requesting Modules In A Coordinated Torque Architecture

Client: General Motors Corporation

8540P-P00542/01

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Foreign Filing Deadline NEP 8540P-P00542/02 Pending *App No.*: 11/934234 *App Dt*: 02-Nov-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: P000046

8540P-000542/US Title: Association Of Torque Requesting Modules In A Coordinated Torque Architecture

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Update Status 8540P-P00546/02 Pending **App No.**: 12/015016 **App Dt**: 16-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000765

8540P-000546/US Title: Torque Based Crank Control

Client: General Motors Corporation

Action Due Remarks:



HDP Number:

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9227 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

16-Jul-2008 Reminder - Foreign Filing 8540P-P00546/02 Pending App No.: 12/015016 App Dt: 16-Jan-2008

United States of America Pat No.: Iss Dt: Reminder Client Reference: Client Ref. 1: P000765

8540P-000546/US

Title: Torque Based Crank Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Update Status 8540P-P00553/02 App No.: 12/014921 App Dt: 16-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P000391 HDP Number:

8540P-000553/US Title: Anti-Rattle Feature For Accessory Drive Belt Tensioner

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

16-Jul-2008 Update Status 8540P-P00568/01 Pending App No.: 12/014944 App Dt: 16-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000733

8540P-000568/US Title: Method Of Torque Integral Control Learning And Initialization

Client: General Motors Corporation

Action Due Remarks:



 Due Date List (by Attorney)
 Page: 9228 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 NEW NEWS Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

16-Jul-2008 Reminder - Foreign Filing 8540P-P00568/01 Pending *App No.*: 12/014944 *App Dt*: 16-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000733

8540P-000568/US Title: Method Of Torque Integral Control Learning And Initialization

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00021/01 Mailed **App No.**: 10/179498 **App Dt**: 24-Jun-2002 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0130

5059-000021/US Title: Apparatus And Method For Algorithmic Based Access-Control-Li st

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00043/01 Pending **App No.**: 10/392242 **App Dt**: 18-Mar-2003 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0200

5059-000043/US Title: Write Driver Circuit For Magnetic Data Storage Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9229 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Mississ, Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

Country Bibliographic Numbers & Dates Attorneys

App No.: 10/392242

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0200

5059-000043/US Title: Write Driver Circuit For Magnetic Data Storage Systems

Client: Marvell Semiconductor Inc.

5059-P00043/01

Action Due Remarks:

Due Date Remarks:

Drawing/Formality-3 Mo Final

Issue Fee Due-Final

5059-P00043/01

Pending

Pending

App No.: 10/392242

Pat No.:

App Dt: 18-Mar-2003 MDW

App Dt: 18-Mar-2003

MDW

Final US-Notce Allowability-Drawings United States of America

HDP Number: Client Reference: Client Ref. 1: MP0200

5059-000043/US Title: Write Driver Circuit For Magnetic Data S

Title: Write Driver Circuit For Magnetic Data Storage Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Update Status

5059-P00089/10

Published

App No.: 11/728112

App Dt: 23-Mar-2007 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

Iss Dt:

HDP Number:

17-Jul-2008

17-Jul-2008

Client Reference: Client Ref. 1: MP0388.fED1

5059-000089/US/DVI

Title: Power Inductor With Reduced DC Current Saturation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



17-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9230 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

App No.: 11/503016

Bibliographic Numbers & Dates

App Dt: 11-Aug-2006

Attorneys

MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0525.I1

3 Mo Offc Act-Response Due

5059-000156/US/CPA Title: Adaptive Storage System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Drawing/Formality-3 Mo Final 5059-P00157/01 Pending App No.: 10/929211 App Dt: 30-Aug-2004 MDW

Published

Final US-Notce Allowability-Drawings United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0493

5059-000157/US Title: TMR/GMR Amplifier For Direct Feedback Transimpedance Amplifier With Input Current Compensation

Client: Marvell Semiconductor Inc.

5059-P00156/02

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00157/01 Pending *App No.*: 10/929211 *App Dt*: 30-Aug-2004 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0493

5059-000157/US Title: TMR/GMR Amplifier For Direct Feedback Transimpedance Amplifier With Input Current Compensation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9231 of 9672

01-May-2008

31-Jul-2008

Attorney:

Wiccord Michigan

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

17-Jul-2008

Issue Fee Due-Final

5059-P00157/01

Pending

App No.: 10/929211

App Dt: 30-Aug-2004

Final

United States of America

MDW

HDP Number:

US-Notice of Allowance Rec'd

Pat No.:

Iss Dt:

5059-000157/US

Client Reference: Client Ref. 1: MP0493

Title: TMR/GMR Amplifier For Direct Feedback Transimpedance Amplifier With Input Current Compensation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008

Final Offc Act-Appeal Due

5059-P00175/06

Client Reference: Client Ref. 1: MP0209.C1

Pending

App No.: 11/800614

Pat No.:

App Dt: 07-May-2007 MDW

Iss Dt:

Due Date

US-Final Office Action

United States of America

HDP Number: 5059-000175/US/COE

Title: Apparatus And Method For Testing And Debugging An Integrated Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008

Final Offc Act- Response Due

5059-P00175/06

Pending

App No.: 11/800614

App Dt: 07-May-2007 MDW

Due Date

US-Final Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0209.C1

5059-000175/US/COE

Title: Apparatus And Method For Testing And Debugging An Integrated Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:



3 Mo Offc Act-1st Ext

17-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9232 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Pending **App No.:** 11/070622 App Dt: 02-Mar-2005 Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0182.D1

5059-000188/US/DVB Title: Flash Memory Module

Client: Marvell Semiconductor Inc.

5059-P00188/03

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00190/02 App No.: 11/101047 App Dt: 06-Apr-2005 MDW Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0586

5059-000190/US Title: Diffusion Bucket Scheduler For Wireless Network Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Missing Parts-1st Ext 5059-P00231/03 Pending **App No.:** 12/079079 App Dt: 24-Mar-2008 MDW

Due Date **US-Missing Parts** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0651.C1

5059-000231/US/COA Title: Monitoring And Compensating For Real Time Local Circuit Speed In An Integrated Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

17-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00281A/01 Pending **App No.**: 11/327934 **App Dt**: 09-Jan-2006

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0659.C1

5059-000281/US/COA Title: Optimized Reed-Solomon Decoder

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00413/01 Pending **App No.**: 10/387299 **App Dt**: 12-Mar-2003 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0206

5059-000413/US Title: Out Of Order Checksum Calculation For Fragmented Packets

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Issue Fee Due-Final 5059-P00413/01 Pending **App No.**: 10/387299 **App Dt**: 12-Mar-2003 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0206

5059-000413/US Title: Out Of Order Checksum Calculation For Fragmented Packets

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Attorney:

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

17-Jul-2008 Drawing/Formality-3 Mo Final 5059-P00413/01 Pending *App No.*: 10/387299 *App Dt*: 12-Mar-2003

Final US-Notce Allowability-Drawings United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0206

5059-000413/US Title: Out Of Order Checksum Calculation For Fragmented Packets

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Tax 5059-P00426/01 Published **App No.**: 2418334 **App Dt**: 17-Jul-2001 MDW

Due Date Canada Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: QLOGICP.021VCA; Client Ref. 2: MP0780

5059-100426/CA/01 Title: Disk Controller Configured To Perform Out Of Order Execution Of Write Operations

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Final Offic Act-Appeal Due 5059-P00481/02 Pending **App No.**: 10/804237 **App Dt**: 19-Mar-2004 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0031RE; Client Ref. 2: 213200.00112

5059-000481/US/REA Title: Temperature And Process Independent CMOS Circuit

Title, Temperature And Flocess independent GWOS Girdi

Client: Marvell Semiconductor Inc.

Action Due Remarks:



17-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9235 of 9672 01-May-2008 31-Jul-2008 Wildelie Medice D Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Final Offc Act-Response Due Pending App No.: 10/804237 App Dt: 19-Mar-2004 Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0031RE:Client Ref. 2: 213200.00112

5059-000481/US/REA Title: Temperature And Process Independent CMOS Circuit

Client: Marvell Semiconductor Inc.

5059-P00481/02

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 3 Mo Offc Act-Response Due 5059-P00508/04 App No.: 11/595179 App Dt: 09-Nov-2006 Pending MDW

US-3 Month Office Action Due Date United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0063.D1D1 HDP Number:

5059-000508/US/DVB Title: Address Generator For LDPC Encoder And Decoder And Method Thereof

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00509A/01 **App No.:** 11/343775 App Dt: 31-Jan-2006 MDW Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0064.C1

5059-000509/US/COA Title: LDPC Encoder Method Thereof

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9236 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 NEGROSS Micross D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

17-Jul-2008 Missing Parts (1st) + 4 5059-P00534/04 Pending **App No.:** 12/001481 **App Dt:** 11-Dec-2007

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0126.aaa

5059-000534/US/COC Title: Multiport High Speed Communications Intergrated Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00596/02 Pending **App No.**: 11/481142 **App Dt**: 05-Jul-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0875

5059-000596/US Title: Steering Matrix Feedback For Beamforming

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 30 Mo National Stage NEP 5059-P00614/01 Unofficial App No.: PCT/US2007/001047 App Dt: 16-Jan-2007 MDW

Final Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0907PCT

5059-000614/WO/POA Title: Order Recursive Computation For A MIMO Equalizer

Client: Marvell Semiconductor Inc.

Action Due Remarks:



17-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9237 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Menne D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

MDW

30 Mo National Stage NEP App No.: PCT/US2007/001233 App Dt: 17-Jan-2007 Final **Patent Cooperation Treaty** Pat No.: Iss Dt:

Published

Client Reference: Client Ref. 1: MP0907/WO/POB HDP Number:

5059-000614/WO/POB Title: Order Recursive Computation For A MIMO Equalizer

Client: Marvell Semiconductor Inc.

5059-P00614/02

Action Due Remarks: Due Date Remarks:

17-Jul-2008 Update Status 5059-P00666/02 App No.: 11/582067 App Dt: 17-Oct-2006 Pending

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1022 HDP Number:

5059-000666/US Title: Extremely Low If Architecture For IBOC Radio

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

Check if IPER received 17-Jul-2008 5059-P00677/01 Published App No.: PCT/US2007/006739 App Dt: 16-Mar-2007 MDW

Reminder Pat No.: Iss Dt: Patent Cooperation Treaty

HDP Number: Client Reference: Client Ref. 1: MP1033.WO

5059-000677/WO/POB Title: Preamble Detection With Unknown Channel

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9238 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

Published

17-Jul-2008 28 Mo National Stage Reminder App No.: PCT/US2007/006739 App Dt: 16-Mar-2007 Patent Cooperation Treaty Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1033.WO

5059-000677/WO/POB Title: Preamble Detection With Unknown Channel

Client: Marvell Semiconductor Inc.

5059-P00677/01

Action Due Remarks:

Due Date Remarks:

17-Jul-2008

3 Mo OA (1st) + 3 (NEP) 5059-P00709/02 Pending **App No.:** 11/657492 App Dt: 24-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1058 HDP Number:

5059-000709/US Title: Rate-28/30 DC-Free RLL Code

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Update Status 5059-P00711/02 Pending **App No.:** 11/736386 App Dt: 17-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1059

5059-000711/US Title: Efficient RAID ECC Controller for RAID Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9239 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

r Action Type Country Bibliographic Numbers & Dates Attorneys

17-Jul-2008 Update Status 5059-P00716/02 Published **App No.:** 11/736071 **App Dt:** 17-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1064

5059-000716/US *Title*: 802.11 Mesh Architecture

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Prefiled Status 5059-P00812/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1192

5059-000812/US Title: Die Paddle Holes For Promoting Mold Combpound To Leadframe Adhesion

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Prefiled Status 5059-P00813/02 Unfiled *App No.*: *App Dt*: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1193

5059-000813/US Title: Leadframe Organic Film For Reducing Leadframe-To- Mold Compound Delamination

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Prefiled Status

17-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9240 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Action Due Due Date Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

App No.: App Dt: United States of America Reminder Pat No.: Iss Dt:

Unfiled

Client Reference: Client Ref. 1: MP1194 HDP Number:

5059-000814/US Title: Programmable Boosting Amplifier

Client: Marvell Semiconductor Inc.

5059-P00814/02

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Prefiled Status 5059-P00815/02

Unfiled

App No.:

Pat No.:

App Dt: Iss Dt:

MDW

MDW

Reminder United States of America

Client Reference: Client Ref. 1: MP1195 HDP Number:

5059-000815/US Title: Regular Method Of Power Saving

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Missing Parts (1st) + 4

5059-P01051/02

Pending

App No.: 11/999251

App Dt: 04-Dec-2007 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1449.C1

5059-001051/US/COA

Title: Method And Apparatus For Processing Signals Received From A Channel Having A Variable Channel Length

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9241 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 № Wiscours Microsop

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

17-Jul-2008 Final Offic Act-1st Ext 5059-P01058/01 Published **App No.:** 10/671844 **App Dt:** 25-Sep-2003 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1491

5059-001058/US Title: Apparatus And Method For Power Optimized Replay

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Final Offic Act-1st Appeal Ext 5059-P01058/01 Published **App No.**: 10/671844 **App Dt**: 25-Sep-2003 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1491

5059-001058/US *Title:* Apparatus And Method For Power Optimized Replay

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing Deadline NEP 5059-P01469/01 Pending *App No.*: 60/950284 *App Dt*: 17-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1966PR

5059-001469/US/PS1 Title: Mesh Network Optimizations

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9242 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates** Attorneys

MDW

17-Jul-2008 Convert to Regular NEP 5059-P01469/01 Pending App No.: 60/950284 App Dt: 17-Jul-2007

Final United States of America Pat No.: Iss Dt:

5059-001469/US/PS1

Title: Mesh Network Optimizations Client: Marvell Semiconductor Inc.

Client Reference: Client Ref. 1: MP1966PR

Action Due Remarks:

Due Date Remarks:

HDP Number:

17-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01479B/01 **App No.:** 60/972913 App Dt: 17-Sep-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1976PR3 HDP Number:

5059-001479/US/PS3 Title: Interleaver Proposal For RED HOT/HUGE

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01479B/01 Pending App No.: 60/972913 App Dt: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1976PR3 HDP Number:

5059-001479/US/PS3 Title: Interleaver Proposal For RED HOT/HUGE

Client: Marvell Semiconductor Inc.

Action Due Remarks:



HDP Number:

 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9243 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Missians, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

17-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01482A/01 Pending **App No.:** 60/956567 **App Dt:** 17-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

E0E0 004400/IIO/D00

5059-001482/US/PS2 Title: Interactive Editing Of Images Using A Printer

Client: Marvell Semiconductor Inc.

Client Reference: Client Ref. 1: MP1979PR2

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01482A/01 Pending **App No.**: 60/956567 **App Dt**: 17-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1979PR2

5059-001482/US/PS2 Title: Interactive Editing Of Images Using A Printer

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Convert to Regular NEP 5059-P01520/01 Pending *App No.*: 60/950217 *App Dt*: 17-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2021PR

5059-001520/US/PS1 Title: LFSR Scheme For Laser Fault Protection In Optical Drives

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9244 of 9672 01-May-2008 31-Jul-2008 Attorney:

Matter Number/Subcase **Due Date Action Due** Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

17-Jul-2008 Foreign Filing Deadline NEP Pending App No.: 60/950217 App Dt: 17-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2021PR HDP Number:

5059-001520/US/PS1 Title: LFSR Scheme For Laser Fault Protection In Optical Drives

Client: Marvell Semiconductor Inc.

5059-P01520/01

Action Due Remarks:

Due Date Remarks:

5059-P01520/02 17-Jul-2008 **Prefiled Status** Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2021 HDP Number:

5059-001520/US Title: LFSR Scheme For Laser Fault Protection In Optical Drives

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Convert to Regular NEP 5059-P01536/01 Pending App No.: 60/950221 App Dt: 17-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2037PR

5059-001536/US/PS1 Title: A Fast In-Loop Filtering Approach In VC-1

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



17-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9245 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Menne D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Foreign Filing Deadline NEP Pending App No.: 60/950221 App Dt: 17-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2037PR HDP Number:

5059-001536/US/PS1 Title: A Fast In-Loop Filtering Approach In VC-1

Client: Marvell Semiconductor Inc.

5059-P01536/01

Action Due Remarks: Due Date Remarks:

17-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01607/01 App No.: 60/956561 App Dt: 17-Aug-2007 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1954PR

5059-001607/US/PS1 Title: I/O Profiler And I/O Adaptive Bus

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01607/01 App No.: 60/956561 App Dt: 17-Aug-2007 MDW Pending

Pat No.: Reminder United States of America Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1954PR

5059-001607/US/PS1 Title: I/O Profiler And I/O Adaptive Bus

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9246 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

17-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01609/01 Pending App No.: 60/956553 App Dt: 17-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2110PR

5059-001609/US/PS1 Title: Generic Encoder For Low-Density Parity-Check (LDPC) Code

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01609/01 Pending **App No.**: 60/956553 **App Dt**: 17-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2110PR

5059-001609/US/PS1 Title: Generic Encoder For Low-Density Parity-Check (LDPC) Code

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01658/01 Pending **App No.**: 60/972967 **App Dt**: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2162PR

5059-001658/US/PS1 *Title*: 12GHz Divider

Client: Marvell Semiconductor Inc.

Onomia martin commonitation mo

Action Due Remarks:



Action Due

Due Date

17-Jul-2008

Indicator Action Type Country

Pending **App No.:** 60/972967

Status

App Dt: 17-Sep-2007 MDW

Attorneys

Bibliographic Numbers & Dates

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2162PR

5059-001658/US/PS1 *Title:* 12GHz Divider

Foreign Filing--10 Mo Reminder

Client: Marvell Semiconductor Inc.

5059-P01658/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Convert to Regr-10 Mo Reminder

5059-P01659/01 Pending

App No.: 60/972952

App Dt: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2163

5059-001659/US/PS1 Title: Motorcycle Helmet Wireless Multi-Media Heads-Up Display

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing--10 Mo Reminder

5059-P01659/01

Pending *App No.*: 60/972952

App Dt: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2163

5059-001659/US/PS1 Title: Motorcycle Helmet Wireless Multi-Media Heads-Up Display

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9248 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Wissiass Bicknet 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

17-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01662/01 Pending App No.: 60/972981 App Dt: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2166PR

5059-001662/US/PS1 Title: Efficient Mismatch Location Recorder For Sequence Comparison

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01662/01 Pending *App No.*: 60/972981 *App Dt:* 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2166PR

5059-001662/US/PS1 Title: Efficient Mismatch Location Recorder For Sequence Comparison

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01663/01 Pending **App No.**: 60/972995 **App Dt**: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2167PR

5059-001663/US/PS1 Title: A Blind Compensation Scheme For Arbitrary Receiver Nonlinearities Via A Digital Signal Processing Innovation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9249 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missing, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

17-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01663/01 Pending *App No.*: 60/972995 *App Dt*: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2167PR

5059-001663/US/PS1 Title: A Blind Compensation Scheme For Arbitrary Receiver Nonlinearities Via A Digital Signal Processing Innovation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Reminder - Foreign Filing 5059-P01868A/01 Pending **App No.**: 61/021738 **App Dt**: 17-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2400PR

5059-001868/US/PS1 Title: Method of Constructing SAS Drive Out Of SATA Drive

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01868A/01 Pending *App No.*: 61/021738 *App Dt*: 17-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2400PR

5059-001868/US/PS1 Title: Method of Constructing SAS Drive Out Of SATA Drive

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9250 of 9672

01-May-2008

31-Jul-2008

Attorney:

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

17-Jul-2008

Update Status

5059-P01868A/01

Pending

App No.: 61/021738

Pat No.:

App Dt: 17-Jan-2008

Iss Dt:

Iss Dt:

MDW

Reminder HDP Number: United States of America

Client Reference: Client Ref. 1: MP2400PR

5059-001868/US/PS1

Title: Method of Constructing SAS Drive Out Of SATA Drive

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008

Reminder - Foreign Filing

5059-P01869A/01

Pending

App No.: 61/021741

Pat No.:

App Dt: 17-Jan-2008 MDW

Reminder

United States of America

HDP Number:

Client Reference: Client Ref. 1: MP2401PR

5059-001869/US/PS1

Title: Test Engine For Memory KGD Testing In MCM/SIP Package Patent Filing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008

Update Status

5059-P01869A/01

Pending

App No.: 61/021741

App Dt: 17-Jan-2008 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2401PR

5059-001869/US/PS1

Title: Test Engine For Memory KGD Testing In MCM/SIP Package Patent Filing

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9251 of 9672

01-May-2008

31-Jul-2008

Attorney:

Wiccian Michael ()

Due Date Action Due Indicator **Action Type** Matter Number/Subcase

Status

Bibliographic Numbers & Dates

Attorneys

17-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01869A/01

Pending

App No.: 61/021741

App Dt: 17-Jan-2008

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2401PR

Country

5059-001869/US/PS1

Title: Test Engine For Memory KGD Testing In MCM/SIP Package Patent Filing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008

Filing Reminder 5059-P01869A/01 Pending

App No.: 61/021741

App Dt: 17-Jan-2008

MDW

Reminder

File Application

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2401PR

5059-001869/US/PS1

Title: Test Engine For Memory KGD Testing In MCM/SIP Package Patent Filing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

17-Jul-2008

Foreign Filing Reminder

5059-P01869A/01

Pending

App No.: 61/021741

App Dt: 17-Jan-2008 MDW

Reminder

Foreign Filing

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2401PR

5059-001869/US/PS1

Title: Test Engine For Memory KGD Testing In MCM/SIP Package Patent Filing

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Friday, May 02, 2008 Due Date List (by Attorney)

Page: 9252 of 9672

01-May-2008

To.

31-Jul-2008

Attorney:

DV – Window Michiga ()

Due Date Action Due Indicator Action Type

Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

17-Jul-2008

Foreign Response Due

8540G-P00061/01

Granted App No.: 001266246

App Dt: 04-Dec-2000

AMB,MDW

Due Date

F-Foreign Response

European Patent Convention

Pat No.: 3923261

Iss Dt: 02-Mar-2007

HDP Number:

Client Reference: Client Ref. 1: H-205765

8540G-100061/EP

Title: Controlled Shutdown Of A Fuel Cell

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks: Extension Avail

17-Jul-2008

Update Status

8540P-P00183/01

Pending

App No.: 11/077470

Pat No.:

App Dt: 10-Mar-2005

Iss Dt:

5 MDW

Reminder

United States of America

Client Reference: Client Ref. 1: GP-304507

HDP Number: 8540P-000183/US

Title: Method To Remove Short Diagnostic Between Redundant Pedal Sensors In Future ETC Architectures

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008

3 Mo Offc Act-1st Ext

8540P-P00345/01

Pending

App No.: 11/468035

App Dt: 29-Aug-2006 MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: GP-307075

8540P-000345/US

Title: Coordinated Control Of Dual Stage Variable Geometry Turbocharger Equipped With Bypass Valve

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.



Anomey.

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

17-Jul-2008 Update Status 8540P-P00505/01 Pending **App No.:** 12/015799 **App Dt:** 17-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309284

8540P-000505/US Title: Electronic Controller Integrated Diagnostic Flight Recorder

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Reminder - Foreign Filing 8540P-P00505/01 Pending App No.: 12/015799 App Dt: 17-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309284

8540P-000505/US Title: Electronic Controller Integrated Diagnostic Flight Recorder

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00559/01 Unofficial **App No.**: 60/956449 **App Dt**: 17-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000126

8540P-000559/US/PS1 **Title:** Fast Active Fuel Management Reactivation

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9254 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Status

Unofficial

Action Due

Due Date

17-Jul-2008

Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

App No.: 60/956449

App Dt: 17-Aug-2007

MDW

United States of America Iss Dt: Reminder Pat No.:

Client Reference: Client Ref. 1: P000126 HDP Number:

Convert to Reglr-1 Mo Reminder

8540P-000559/US/PS1 Title: Fast Active Fuel Management Reactivation

Client: General Motors Corporation

8540P-P00559/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Reminder - Foreign Filing 8540P-P00606/01 App No.: 12/015750 App Dt: 17-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P001023 HDP Number:

8540P-000606/US Title: Detection Of Engine Intake Manifold Air-Leaks

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Update Status 8540P-P00606/01 Pending App No.: 12/015750 App Dt: 17-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P001023 HDP Number:

8540P-000606/US Title: Detection Of Engine Intake Manifold Air-Leaks

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9255 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Windows Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

17-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00654/01 Unofficial App No.: 60/956590 App Dt: 17-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002221

8540P-000654/US/PS1 Title: Phase And Frequency Error Based Asymmetrical AFR Pulse Reference Tracking Algorithm Using The Pre-

Catalyst 02 Sensor Switching Output

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00654/01 Unofficial App No.: 60/956590 App Dt: 17-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002221

8540P-000654/US/PS1 Title: Phase And Frequency Error Based Asymmetrical AFR Pulse Reference Tracking Algorithm Using The Pre-

Catalyst 02 Sensor Switching Output

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00655/01 Unofficial App No.: 60/956585 App Dt: 17-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1; P002477

8540P-000655/US/PS1 Title: Air Fuel Ratio Control System For Internal Combustion Engines

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9256 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

17-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00655/01 Unofficial *App No.*: 60/956585 *App Dt*: 17-Aug-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: P002477

8540P-000655/US/PS1 Title: Air Fuel Ratio Control System For Internal Combustion Engines

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00663/01 Unofficial App No.: 60/972930 App Dt: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002227

8540P-000663/US/PS1 Title: Residual Gas Fraction Estimation For Internal Combustion Gasoline Engines Using An Altitude-Compensated

Functional Form

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00663/01 Unofficial App No.: 60/972930 App Dt: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002227

8540P-000663/US/PS1 Title: Residual Gas Fraction Estimation For Internal Combustion Gasoline Engines Using An Altitude-Compensated

Functional Form

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9257 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

17-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00663/02 Pending **App No.:** 11/965057 **App Dt:** 27-Dec-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002227-PTE-CD

8540P-000663/US Title: Residual Gas Fraction Estimation For Internal Combustion Gasoline Engines Using An Altitude-Compensated

Functional Form

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00666/01 Unofficial App No.: 60/972872 App Dt: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002697

8540P-000666/US/PS1 Title: Microwave Mode Shifted DPF Regeneration

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

17-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00666/01 Unofficial **App No.**: 60/972872 **App Dt**: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002697

8540P-000666/US/PS1 Title: Microwave Mode Shifted DPF Regeneration

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9258 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Matter Number/Subcase **Action Due** Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

Unofficial

Convert to Regr-10 Mo Reminder App No.: 60/972946 App Dt: 17-Sep-2007 Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002686 HDP Number:

8540P-P00667/01

8540P-000667/US/PS1

Title: Electrically Heated DPF Heater Insulation

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

17-Jul-2008

17-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00667/01 Unofficial App No.: 60/972946 App Dt: 17-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002686 HDP Number:

8540P-000667/US/PS1 Title: Electrically Heated DPF Heater Insulation

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

Missing Parts-2nd Ext 17-Jul-2008 9585-P00002/02 Pending **App No.:** 12/040312 App Dt: 29-Feb-2008 MDW

Due Date **US-Missing Parts** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

9585-000002/US Title: Drive For Vibratory Screening Device

Client: Argus Industrial Co., L.L.C.

Action Due Remarks: Due Date Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9259 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NDW
 Whodays Microsop

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

18-Jul-2008 Update Status 2671-P00018/01 Pending **App No.**: 11/202719 **App Dt**: 12-Aug-2005

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: 00501

2671-000018/US Title: Battery Case Having Improved Thermal Conductivity

Client: COBASYS LLC

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 3 Mo Offic Act-1st Ext 3165-P00051/02 Published **App No.**: 10/476423 **App Dt**: 27-May-2004 MPB,MDW,JSB

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: EC-01-001/US/1

3165-000051/US/USB Title: Network Based System And Method For Designing Custom Products With Live Agent Support

Client: Emerson Electric Co.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00062/01 Pending **App No.**: 11/891930 **App Dt**: 14-Aug-2007 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0290.D1

5059-000062/US/DVA Title: Multi-Speed Serial Interface For Media Access Control And Physical Layer Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9260 of 9672

01-May-2008

31-Jul-2008

Attorney:

Wiccian Michael ()

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

18-Jul-2008

Drawing/Formality-3 Mo Final

5059-P00062/01

Pending

App No.: 11/891930

App Dt: 14-Aug-2007

Final

US-Notce Allowability-Drawings

United States of America

Pat No.:

Iss Dt:

MDW

HDP Number:

Client Reference: Client Ref. 1: MP0290.D1

5059-000062/US/DVA

Title: Multi-Speed Serial Interface For Media Access Control And Physical Layer Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008

HDP Number:

Issue Fee Due-Final

5059-P00062/01

Pending

App No.: 11/891930

Pat No.:

App Dt: 14-Aug-2007 MDW

Iss Dt:

Final

US-Notice of Allowance Rec'd

United States of America

Client Reference: Client Ref. 1: MP0290.D1

5059-000062/US/DVA

Title: Multi-Speed Serial Interface For Media Access Control And Physical Layer Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008

3 Mo Offc Act-1st Ext

5059-P00089/07

Published

App No.: 11/367536

App Dt: 03-Mar-2006 MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0388.l2D1

5059-000089/US/DVF

Title: Power Inductor With Reduced DC Current Saturation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9261 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Attorneys

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates**

18-Jul-2008 Update Status 5059-P00142/02 **Published App No.:** 11/801058 App Dt: 08-May-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0505.D1 HDP Number:

5059-000142/US/DVA Title: Glassy Metal Disc

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 3 Mo Offc Act-Response Due 5059-P00156/01 App No.: 10/865368 App Dt: 10-Jun-2004 Published MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0525

5059-000156/US Title: Adaptive Storage System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Update Status 5059-P00209/02 Pending App No.: 11/109988 App Dt: 20-Apr-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0606

5059-000209/US Title: Input/Output Data Rate Synchronization Using First In First Out Data Buffers

Client: Marvell Semiconductor Inc.

Action Due Remarks:



18-Jul-2008

5059-100225/SG

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9262 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Final Offc Act-Appeal Due App No.: 11/135557 App Dt: 23-May-2005 Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

Published

HDP Number: Client Reference: Client Ref. 1: MP0626

5059-000218/US Title: Wireless Audio For Entertainment Systems

Client: Marvell Semiconductor Inc.

5059-P00218/02

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Final Offc Act- Response Due 5059-P00218/02 Published App No.: 11/135557 App Dt: 23-May-2005 MDW

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0626

5059-000218/US Title: Wireless Audio For Entertainment Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Notice of Acceptance 5059-P00225/01 App No.: 2006005144 App Dt: 17-Jan-2006 MDW Pending

Due Date Pat No.: Iss Dt: Singapore

HDP Number: Client Reference: Client Ref. 1: MP0621

Title: WLAN TDM Protocol

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9263 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Action Due

Action Type

5059-P00225/02

Matter Number/Subcase

Bibliographic Numbers & Dates

Attorneys

18-Jul-2008 Due Date

Due Date

Indicator

Foreign Grant Fees

Pending

Status

App No.: 2006005151

Pat No.:

App Dt: 17-Jan-2006

Iss Dt:

Iss Dt:

MDW

HDP Number:

5059-100225/SG/01

Singapore

Client Reference: Client Ref. 1: MP0621.C1

Country

Title: WLAN TDM Protocol

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008

HDP Number:

Notice of Acceptance

5059-P00225/03

Pending

App No.: 2006005193

Pat No.:

App Dt: 17-Jan-2006 MDW

Due Date

Singapore

Client Reference: Client Ref. 1: MP0621.C2

5059-100225/SG/02

Title: WLAN TDM Protocol

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008

Foreign Grant Fees

5059-P00225/01

Pending

App No.: 2006005144

App Dt: 17-Jan-2006 MDW

Due Date

Singapore

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0621

5059-100225/SG

Title: WLAN TDM Protocol

Client: Marvell Semiconductor Inc.

Action Due Remarks:



18-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9264 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Notice of Acceptance 5059-P00225/02 Pending App No.: 2006005151 App Dt: 17-Jan-2006 Due Date Pat No.: Iss Dt: Singapore

HDP Number: Client Reference: Client Ref. 1: MP0621.C1

5059-100225/SG/01 Title: WLAN TDM Protocol

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

18-Jul-2008 Foreign Grant Fees 5059-P00225/03 Pending App No.: 2006005193 App Dt: 17-Jan-2006 MDW

Due Date Pat No.: Iss Dt: Singapore

HDP Number: Client Reference: Client Ref. 1: MP0621.C2

5059-100225/SG/02 Title: WLAN TDM Protocol

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

18-Jul-2008 Update Status 5059-P00430/02 Pending App No.: 11/231295 App Dt: 20-Sep-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0784.C1

5059-000430/US/COA Title: Method And System For Monitoring Embedded Disk Controller Components

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9265 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Windows Michael D

Attorneys

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates

18-Jul-2008 2 Mo Offic Act-1st Ext 5059-P00508/03 Pending **App No.**: 11/217409 **App Dt**: 02-Sep-2005 MDW

Due Date US-2 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0063.D1; Client Ref. 2: 213200.00154

5059-000508/US/DVA Title: Address Generator For LDPC Encoder And Decoder And Method Thereof

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00656/03 Pending **App No.**: 11/636283 **App Dt**: 08-Dec-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0964.C1

5059-000656/US/COA Title: Transmitter Digital-To-Analog Coverter With Noise Shaping

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 3 Mo Offic Act-Response Due 5059-P00672/03 Published **App No.**: 11/709631 **App Dt**: 22-Feb-2007 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1029.C1

5059-000672/US/COB *Title:* Cross-Point Memory Array

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9266 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 18-Jul-2008 Update Status 5059-P00716/04 **Published** App No.: 11/736754 App Dt: 18-Apr-2007 MDW United States of America Pat No.: Iss Dt: Reminder Client Reference: Client Ref. 1: MP1064.C2 HDP Number: 5059-000716/US/COB Title: 802.11 Mesh Architecture

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Update Status 5059-P00716/03 Published **App No.:** 11/736730 App Dt: 18-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1064.C1 HDP Number:

5059-000716/US/COA Title: 802.11 Mesh Architecture

Client: Marvell Semiconductor Inc.

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

18-Jul-2008 Update Status 5059-P00810A/01 App No.: 60/820287 App Dt: 25-Jul-2006 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1189PR2 HDP Number:

Client: Marvell Semiconductor Inc.

5059-000810/US/PS2

Title: SoC Chip Secret Protection

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9267 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status **Action Type**

Indicator Country **Bibliographic Numbers & Dates** Attorneys

MDW

18-Jul-2008 Foreign Filing Deadline NEP Pending App No.: 60/950419 App Dt: 18-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1719PR2 HDP Number:

5059-001229/US/PS2 Title: Accounting For Transmit Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regular NEP 5059-P01229A/01 **App No.:** 60/950419 App Dt: 18-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1719PR2 HDP Number:

5059-001229/US/PS2 Title: Accounting For Transmit Data

Client: Marvell Semiconductor Inc.

5059-P01229A/01

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Record Copy Rec'd by IB 5059-P01438/01 Unfiled App No.: MDW App Dt:

Due Date Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1636.WO

5059-001438/WO/POA Title: Dual-Equalizer, Duel-Detector Architecture

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9268 of 9572

 81-May-2008
 To
 31-Jul-2008

 Attorney:
 MBW Windows Michael D

Matter Number/Subcase **Due Date Action Due** Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 18-Jul-2008 Convert to Regular NEP 5059-P01469A/01 Pending **App No.:** 60/950435 App Dt: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1966PR2

5059-001469/US/PS2 Title: Mesh Enhancement

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Foreign Filing Deadline NEP

5059-P01469A/01

Pending

App No.: 60/950435

App Dt: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number:

18-Jul-2008

Client Reference: Client Ref. 1: MP1966PR2

5059-001469/US/PS2

Title: Mesh Enhancement

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regular NEP

5059-P01474B/01

Pending

App No.: 60/950469

Pat No.:

App Dt: 18-Jul-2007

07 MDW

Final

United States of America

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1971PR3

5059-001474/US/PS3

Title: Method and System For Estimation Cycling Parameters

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9269 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Action Due Due Date Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

18-Jul-2008 Foreign Filing Deadline NEP Pending App No.: 60/950469 App Dt: 18-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1971PR3 HDP Number:

5059-001474/US/PS3 Title: Method and System For Estimation Cycling Parameters

Client: Marvell Semiconductor Inc.

5059-P01474B/01

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 **Prefiled Status** 5059-P01534/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2035 HDP Number:

5059-001534/US Title: Multi-Level Flash ADC Data Transfer Interface Specification

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Prefiled Status 5059-P01536/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2037 HDP Number:

5059-001536/US Title: A Fast In-Loop Filtering Approach In VC-1

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9270 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

Pat No.:

Iss Dt:

18-Jul-2008 Convert to Regular NEP 5059-P01537/01 Pending App No.: 60/950431 App Dt: 18-Jul-2007 MDW Final

Client Reference: Client Ref. 1: MP2038PR HDP Number:

5059-001537/US/PS1 Title: Method For Small Feature High Energy Ion Implantation

Client: Marvell Semiconductor Inc.

United States of America

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Prefiled Status 5059-P01537/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2038 HDP Number:

5059-001537/US Title: Method For Small Feature High Energy Ion Implantation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01537/01 Pending App No.: 60/950431 App Dt: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2038PR

5059-001537/US/PS1 Title: Method For Small Feature High Energy Ion Implantation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9271 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01538/01 Pending *App No.*: 60/950425 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2039PR

5059-001538/US/PS1 Title: Co-Channel Interference Cancellation With Multiple Receive Antennas For BICM

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regular NEP 5059-P01538/01 Pending **App No.**: 60/950425 **App Dt**: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2039PR

5059-001538/US/PS1 Title: Co-Channel Interference Cancellation With Multiple Receive Antennas For BICM

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Prefiled Status 5059-P01538/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2039

5059-001538/US Title: Co-Channel Interference Cancellation With Multiple Receive Antennas For BICM

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9272 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Convert to Regular NEP 5059-P01539/01 Pending *App No.*: 60/950429 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2040PR

5059-001539/US/PS1 Title: Increasing WLAN Multi-User Throughout Through Simultaneous Downlink Transmission (SDT)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Prefiled Status 5059-P01539/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2040

5059-001539/US Title: Increasing WLAN Multi-User Throughout Through Simultaneous Downlink Transmission (SDT)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01539/01 Pending *App No.*: 60/950429 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2040PR

5059-001539/US/PS1 Title: Increasing WLAN Multi-User Throughout Through Simultaneous Downlink Transmission (SDT)

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9273 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Wississ, Bichsel 0

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 18-Jul-2008 Prefiled Status 5059-P01540/02 Unfiled App No.: MDW App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2041

5059-001540/US Title: Increasing WLAN Multi-User Throughout Simultaneous Upllink Transmission (SUT)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01540/01 Pending **App No.**: 60/950494 **App Dt**: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2041PR

5059-001540/US/PS1 Title: Increasing WLAN Multi-User Throughout Simultaneous Upllink Transmission (SUT)

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regular NEP 5059-P01540/01 Pending *App No.*: 60/950494 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2041PR

5059-001540/US/PS1 Title: Increasing WLAN Multi-User Throughout Simultaneous Upllink Transmission (SUT)

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Prefiled Status

18-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9274 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

App No.: App Dt: Reminder United States of America Pat No.: Iss Dt:

Unfiled

Client Reference: Client Ref. 1: MP2042 HDP Number:

5059-001541/US Title: Multipass Color Laser Printer Multi-Beam Alignment

Client: Marvell Semiconductor Inc.

5059-P01541/02

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01541/01 App No.: 60/950438 App Dt: 18-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2042PR HDP Number:

5059-001541/US/PS1 Title: Multipass Color Laser Printer Multi-Beam Alignment

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regular NEP 5059-P01541/01 Pending App No.: 60/950438 App Dt: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2042PR

5059-001541/US/PS1 Title: Multipass Color Laser Printer Multi-Beam Alignment

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9275 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Convert to Regular NEP 5059-P01542/01 Pending *App No.*: 60/950440 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2043PR

5059-001542/US/PS1 Title: A Mechanism For Allocations Of IP Mobility Anchoring Point

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

18-Jul-2008 Prefiled Status 5059-P01542/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2043

5059-001542/US Title: A Mechanism For Allocations Of IP Mobility Anchoring Point

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01542/01 Pending *App No.*: 60/950440 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2043PR

5059-001542/US/PS1 Title: A Mechanism For Allocations Of IP Mobility Anchoring Point

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Convert to Regular NEP

18-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9276 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 60/950453

App Dt: 18-Jul-2007

MDW

Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2044PR

5059-001543/US/PS1 *Title:* Precoding With Multi-User Codebooks

Client: Marvell Semiconductor Inc.

5059-P01543/01

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01543/01 Pending *App No.*: 60/950453 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2044PR

5059-001543/US/PS1 Title: Precoding With Multi-User Codebooks

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Prefiled Status 5059-P01543/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2044

5059-001543/US Title: Precoding With Multi-User Codebooks

Client: Marvell Semiconductor Inc.

Action Due Remarks:



HDP Number:

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9277 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

18-Jul-2008 Convert to Regular NEP 5059-P01544/01 Pending **App No.:** 60/950462 App Dt: 18-Jul-2007

Final United States of America Pat No.: Iss Dt: Client Reference: Client Ref. 1: MP2045PR

5059-001544/US/PS1 Title: CPC Measurement Threshold

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01544/01 **App No.:** 60/950462 App Dt: 18-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2045PR HDP Number:

5059-001544/US/PS1 Title: CPC Measurement Threshold

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01545/01 Pending App No.: 60/950468 App Dt: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2046PR

5059-001545/US/PS1 Title: An Application-Layer Mechanism To Enable Power Enhancements In Multi-Access Scenarios

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9278 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEON Market States 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Convert to Regular NEP 5059-P01545/01 Pending *App No.*: 60/950468 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP2046PR

5059-001545/US/PS1 Title: An Application-Layer Mechanism To Enable Power Enhancements In Multi-Access Scenarios

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regular NEP 5059-P01546/01 Pending **App No.:** 60/950475 **App Dt:** 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2047PR

5059-001546/US/PS1 Title: A Mechanism To Enable Power Saving In Multi-Access Multi-Homing Scenarios With Host-Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01546/01 Pending *App No.*: 60/950475 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2047PR

5059-001546/US/PS1 Title: A Mechanism To Enable Power Saving In Multi-Access Multi-Homing Scenarios With Host-Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:



18-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9279 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 60/950479

App Dt: 18-Jul-2007

MDW

Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2048PR

5059-001547/US/PS1 Title: Multifacet Pseudobeam Detect Generation

Client: Marvell Semiconductor Inc.

5059-P01547/01

Action Due Remarks:

Due Date Remarks:

Convert to Regular NEP

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01547/01 Pending *App No.*: 60/950479 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2048PR

5059-001547/US/PS1 *Title:* Multifacet Pseudobeam Detect Generation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regular NEP 5059-P01548/02 Unfilled **App No.: App Dt:** MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2049

5059-001548/US Title: Wireless Internet Alarm Clock

Client; Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9280 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

18-Jul-2008 Convert to Regular NEP Pending **App No.:** 60/950500 App Dt: 18-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2049PR HDP Number:

5059-001548/US/PS1 Title: Wireless Internet Alarm Clock

Client: Marvell Semiconductor Inc.

5059-P01548/01

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01548/02 Unfiled MDW App No.: App Dt:

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2049 HDP Number:

5059-001548/US Title: Wireless Internet Alarm Clock

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing Deadline NEP 5059-P01548/01 Pending App No.: 60/950500 App Dt: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2049PR

5059-001548/US/PS1 Title: Wireless Internet Alarm Clock

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9281 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Matter Number/Subcase **Due Date Action Due** Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

18-Jul-2008 Foreign Filing Deadline NEP Pending App No.: 60/950488 App Dt: 18-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2050PR HDP Number:

5059-001549/US/PS1 Title: Proximity Authentication For WiFi Networks

Client: Marvell Semiconductor Inc.

5059-P01549/01

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regular NEP 5059-P01549/01 **App No.:** 60/950488 App Dt: 18-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2050PR HDP Number:

5059-001549/US/PS1 Title: Proximity Authentication For WiFi Networks

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01574A/01 Pending App No.: 60/973258 App Dt: 18-Sep-2007 MDW

United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2073PR2

5059-001574/US/PS2 Title: Dynamic IP Addressing Solutions With Network-Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9282 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missing, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01574A/01 Pending **App No.**: 60/973258 **App Dt**: 18-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2073PR2

5059-001574/US/PS2 Title: Dynamic IP Addressing Solutions With Network-Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01664/01 Pending **App No.**: 60/973263 **App Dt**: 18-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2170PR

5059-001664/US/PS1 Title: Innovative AGC And Algorithm For Broad Bandwidth Receivers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01664/01 Pending *App No.*: 60/973263 *App Dt*: 18-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2170PR

5059-001664/US/PS1 Title: Innovative AGC And Algorithm For Broad Bandwidth Receivers

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9283 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: Wisatins.Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

18-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01665/01 Pending *App No.*: 60/973260 *App Dt*: 18-Sep-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2171PR

5059-001665/US/PS1 Title: A Mechanism To Verify PDN Connectivity Support For Host Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01665/01 Pending **App No.**: 60/973260 **App Dt**: 18-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2171PR

5059-001665/US/PS1 Title: A Mechanism To Verify PDN Connectivity Support For Host Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Information Disclosure Stmnt 5059-P01804/02 Unofficial **App No.**: 12/105988 **App Dt**: 18-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2336

5059-001804/US *Title:* Non-Volatile Memory Cells And Arrays

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9284 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Action Due Matter Number/Subcase **Due Date** Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates** Attorneys

MDW

18-Jul-2008 Priority document filed? App No.: 12/105988 App Dt: 18-Apr-2008 United States of America Iss Dt: Reminder Pat No.:

Unofficial

Client Reference: Client Ref. 1: MP2336 HDP Number:

5059-001804/US Title: Non-Volatile Memory Cells And Arrays

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

18-Jul-2008 Reminder - Foreign Filing 5059-P01870A/01 App No.: 61/022063 App Dt: 18-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2297PR HDP Number:

5059-001870/US/PS1

Title: Potential Patent For CHG Product

5059-P01804/02

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Update Status 5059-P01870A/01 App No.: 61/022063 App Dt: 18-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2297PR

5059-001870/US/PS1 Title: Potential Patent For CHG Product

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9285 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Wissiass Bicknet 0

Due DateAction DueMatter Number/SubcaseStatusIndicatorAction TypeCountry

cator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

18-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01870A/01 Pending *App No.*: 61/022063 *App Dt*: 18-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2297PR

5059-001870/US/PS1 Title: Potential Patent For CHG Product

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Filed English translation? 5059-P01961/01 Pending **App No.**: 61/037560 **App Dt**: 18-Mar-2008 MDW

Due Date US-English Translation Filed United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2498PR

5059-001961/US/PS1 Title: WLAN-BT Coexistence Architecture-Shared LNA

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Filed English translation? 5059-P01962/01 Pending **App No.**: 61/037577 **App Dt**: 18-Mar-2008 MDW

Due Date US-English Translation Filed United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2499PR

5059-001962/US/PS1 Title: A Method To Eliminate Common-Mode Kickback In Class-AB Latched Computer

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9286 of 9672 01-May-2008 31-Jul-2008

Attorney:

Wildelin McGaert

Due Date Action Due Indicator

Matter Number/Subcase **Action Type** Country

Status

Bibliographic Numbers & Dates

Attorneys

18-Jul-2008

Final

Maintenance Fee-3.5 yr

7287-P00025/01

United States of America

Granted

App No.: 10/212681 Pat No.: 6845275

App Dt: 05-Aug-2002

CMB,MDW Iss Dt: 18-Jan-2005

HDP Number:

Client Reference: Client Ref. 1: TND004

7287-000025/US

Title: Flowchart-Based Control System With Active Diagnostic Object s

Client: Entivity, Inc.

Action Due Remarks:

Due Date Remarks:

18-Jul-2008

Update Status 8540P-P00045/01 Pending

App No.: 10/463110

Pat No.:

App Dt: 17-Jun-2003

Iss Dt:

MDW

Reminder HDP Number:

Client Reference: Client Ref. 1: GP-301090

8540P-000045/US

Title: Increasing Current And Voltage Sensor Accuracy And Resolution In Electric And Hybrid Electric Vehicles

Client: General Motors Corporation

United States of America

Action Due Remarks:

Due Date Remarks:

18-Jul-2008

3 Mo Offc Act-1st Ext

8540P-P00218/01

Pending

App No.: 11/218053

App Dt: 01-Sep-2005 MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: GP-303830

8540P-000218/US

Title: Conformable Interface Device For Improved Electrical Joint

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9287 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windows Michael D

HDP Number:

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

18-Jul-2008 3 Mo Offic Act-1st Ext 8540P-P00291/01 Pending *App No.*: 11/219042 *App Dt*: 02-Sep-2005 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

8540P-000291/US *Title:* Protected Code Clear Event

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Client Reference: Client Ref. 1: GP-306278

Due Date Remarks:

18-Jul-2008 Update Status 8540P-P00303/01 Unofficial **App No.**: 11/406513 **App Dt**: 18-Apr-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-306767

8540P-000303/US Title: Application Of Linar Splines to Internal Combustion Engine Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Update Status 8540P-P00340/01 Unofficial *App No.*: 11/654903 *App Dt*: 18-Jan-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-307140

8540P-000340/US *Title:* Hall-Effect Pressure Switch System

Client: General Motors Corporation



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9288 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 NEGROUS Menses D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Foreign Filing Deadline NEP 8540P-P00551/01 Unofficial *App No.*: 60/959967 *App Dt*: 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-306056

8540P-000551/US/PS1 Title: Diesel Particulate Filter Extended Idle Regeneration

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regular NEP 8540P-P00551/01 Unofficial **App No.**: 60/959967 **App Dt:** 18-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-306056

8540P-000551/US/PS1 Title: Diesel Particulate Filter Extended Idle Regeneration

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Reminder - Foreign Filing 8540P-P00563A/01 Pending *App No.*: 12/016394 *App Dt*: 18-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000609

8540P-000563/US Title: Virutal Fuel Sensor For Dual Fuel Tank Applications

Client: General Motors Corporation



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9289 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Update Status 8540P-P00563A/01 Pending *App No.*: 12/016394 *App Dt*: 18-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000609

8540P-000563/US Title: Virutal Fuel Sensor For Dual Fuel Tank Applications

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Reminder - Foreign Filing 8540P-P00592/02 Pending App No.: 12/016456 App Dt: 18-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001601

8540P-000592/US Title: Generator Powered Electrically Heated DPF

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

18-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00664/01 Unofficial **App No.**: 60/973280 **App Dt**: 18-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002698

8540P-000664/US/PS1 Title: Inductive Zone Heated DPF

Client: General Motors Corporation

Action Due Remarks:



Due Date

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9290 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Action Due Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

Status

Unofficial

18-Jul-2008 Convert to Regr-10 Mo Reminder App No.: 60/973280 App Dt: 18-Sep-2007 Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002698 HDP Number:

Matter Number/Subcase

8540P-P00664/01

8540P-000664/US/PS1 Title: Inductive Zone Heated DPF

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00665/01 Unofficial App No.: 60/973284 App Dt: 18-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002691 HDP Number:

8540P-000665/US/PS1 Title: Wireless Zoned DPF Regeneration

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

18-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00665/01 Unofficial App No.: 60/973284 App Dt: 18-Sep-2007 MDW

United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002691

8540P-000665/US/PS1 Title: Wireless Zoned DPF Regeneration

Client: General Motors Corporation



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9291 of 9672 01-May-2008 31-Jul-2008 Water Metal

Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00668/02 Pending **App No.:** 11/941545 App Dt: 16-Nov-2007 MDW

United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002572 HDP Number:

8540P-000668/US Title: Elevated Exhaust Temperature, Zoned, Electrically-Heated Particulate Matter Filter

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00668/01 Unofficial App No.: 60/973321 App Dt: 18-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002572 HDP Number:

8540P-000668/US/PS1 Title: Elevated Exhaust Temperature, Zoned, Electrically-Heated Particulate Matter Filter

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00668/01 Unofficial App No.: 60/973321 App Dt: 18-Sep-2007 MDW

United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002572

8540P-000668/US/PS1 Title: Elevated Exhaust Temperature, Zoned, Electrically-Heated Particulate Matter Filter

Client: General Motors Corporation

Action Due Remarks:



 Due Date List (by Attorney)
 Page: 9292 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEW NEWS Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00669/02 Pending *App No.*: 11/950545 *App Dt*: 05-Dec-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002571

8540P-000669/US Title: High Exhaust Temperature, Zoned, Electrically-Heated Particulate Matter Filter

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00669/01 Unofficial **App No.**: 60/973324 **App Dt**: 18-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002571

8540P-000669/US/PS1 Title: High Exhaust Temperature, Zoned, Electrically-Heated Particulate Matter Filter

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00669/01 Unofficial *App No.*: 60/973324 *App Dt*: 18-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002571

8540P-000669/US/PS1 Title: High Exhaust Temperature, Zoned, Electrically-Heated Particulate Matter Filter

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9293 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

18-Jul-2008 Reminder - Foreign Filing Pending App No.: 61/022047 App Dt: 18-Jan-2008 United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P003061 HDP Number:

8540P-000709/US/PS1 Title: Zoned Electrically Band Heated DPF

Client: General Motors Corporation

8540P-P00709/01

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Update Status 8540P-P00709/01 App No.: 61/022047 App Dt: 18-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P003061 HDP Number:

8540P-000709/US/PS1 Title: Zoned Electrically Band Heated DPF

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Convert to Reglr-6 Mo Reminder 8540P-P00709/01 Pending App No.: 61/022047 App Dt: 18-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P003061 HDP Number:

8540P-000709/US/PS1 Title: Zoned Electrically Band Heated DPF

Client: General Motors Corporation



Attorney, State St

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

18-Jul-2008 Information Disclosure Stmnt 8540P-P00767/01 Unofficial **App No.:** 12/105601 **App Dt:** 18-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309029

8540P-000767/US Title: Systems And Methods For Compensation Of Pressure Sensor Errors

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

18-Jul-2008 Priority document filed? 8540P-P00767/01 Unofficial *App No.*: 12/105601 *App Dt*: 18-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309029

8540P-000767/US Title: Systems And Methods For Compensation Of Pressure Sensor Errors

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 3 Mo Offic Act-2nd Ext 5059-P00149/02 Pending **App No.**: 10/986110 **App Dt**: 10-Nov-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0528

5059-000149/US Title: Adaptive OFDM Receiver Based On Carrier Frequency Offset

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9295 of 9672 01-May-2008 31-Jul-2008 Attorney:

Indicator **Action Type** Country

Status

19-Jul-2008 Instruct Agent - Voluntary Amd

Action Due

5059-P00202A/01 Published App No.: 2006100648927

App Dt: 20-Mar-2006 MDW Attorneys

Due Date

Due Date

F-File Voluntary Amendment

China (Peoples Republic)

Matter Number/Subcase

Pat No.:

Iss Dt:

Bibliographic Numbers & Dates

HDP Number:

Client Reference: Client Ref. 1: MP0607.C1

5059-100202/CN/01

Title: Network System For Distributing Protected Content

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Request Exam

5059-P00327/02

Published

App No.: 200610090179X

App Dt: 03-Jul-2006 MDW

Final

China (Peoples Republic)

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0718CN

5059-100327/CN/01

Title: Two Way Remote Control

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008

Sub Exam

5059-P00327/02

Published

App No.: 200610090179X

App Dt: 03-Jul-2006

MDW

Final

China (Peoples Republic)

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0718CN

5059-100327/CN/01

Title: Two Way Remote Control

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9296 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates Attorneys** 19-Jul-2008 Request Exam 5059-P00327/01 **Published** App No.: 2006100901802 App Dt: 03-Jul-2006 MDW Final Pat No.: China (Peoples Republic) Iss Dt:

Client Reference: Client Ref. 1: MP0718CN HDP Number:

5059-100327/CN Title: Two Way Remote Control Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

5059-100327/CN

19-Jul-2008 5059-P00327/01 Published App No.: 2006100901802 App Dt: 03-Jul-2006 MDW Sub Exam

Final Pat No.: Iss Dt: China (Peoples Republic)

Client Reference: Client Ref. 1: MP0718CN HDP Number:

Title: Two Way Remote Control Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00508/05 App No.: 11/595154 App Dt: 09-Nov-2006 MDW Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0063.D1D2

5059-000508/US/DVC Title: Address Generator For LDPC Encoder And Decoder And Method Thereof

Client: Marvell Semiconductor Inc.



Action Due

3 Mo Offc Act-1st Ext

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9297 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Status

Indicator Action Type Country

Pending *App No.*: 11/397318

Pat No.:

App Dt: 04-Apr-2006 MDW

Iss Dt:

Attorneys

US-3 Month Office Action United States of America

 HDP Number:
 Client Reference:
 Client Ref. 1: MP0065.C1

 5059-000510/US/COB
 Title:
 Multi-Mode Iterative Detector

Client: Marvell Semiconductor Inc.

5059-P00510/03

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

Rescind Non-Publication NEP

5059-P00704/02 Pending

App No.: 11/655368

App Dt: 19-Jan-2007 MDW

Final United States of America Pat No.:

o ·

Bibliographic Numbers & Dates

Iss Dt:

HDP Number:

19-Jul-2008

Due Date

19-Jul-2008

Due Date

Client Reference: Client Ref. 1: MP1047

5059-000704/US

Title: Test Time Reduction Algorithm

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Rescind Non-Publication NEP

5059-P00750A/01

Pending **App No.:** 11/655670

App Dt: 19-Jan-2007 MDW

Final

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1147

5059-000750/US

Title: Multi-Mode USB-Satellite Digital Transceiver Port

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9298 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Action Due Due Date Action Type

19-Jul-2008 **Prefiled Status**

5059-P00816/02

Matter Number/Subcase

Unfiled

Status

App No.: Pat No.: App Dt:

Iss Dt:

Bibliographic Numbers & Dates

MDW

Attorneys

Reminder HDP Number:

Indicator

United States of America Client Reference: Client Ref. 1: MP1196

Country

5059-000816/US

Title: Pipelined Binary Frequency Divider

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008

Prefiled Status 5059-P00817/02 Unfiled

App No.:

Pat No.:

App Dt: Iss Dt: MDW

Reminder HDP Number:

Client Reference: Client Ref. 1: MP1197

5059-000817/US

Title: Compact High-Speed, High-Resolution Comparator Structure

Client: Marvell Semiconductor Inc.

United States of America

Action Due Remarks:

Due Date Remarks:

19-Jul-2008

Ch II Demand per Srch Rpt NEP

5059-P00943/01

Published

App No.: PCT/US2007/020294

App Dt: 19-Sep-2007 MDW

Final

Patent Cooperation Treaty

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0898.WO

5059-000943/WO/POA

Title: Direct Link Setup Mechanisms For Wireless LANs

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9299 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Missible Michael D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 19-Jul-2008 Update Status 5059-P01022/03 Pending App No.: 11/788274 App Dt: 19-Apr-2007 MDW United States of America Reminder Pat No.: Iss Dt: HDP Number: Client Reference: Client Ref. 1: MP1419.C1 5059-001022/US/COA Title: Low Power Optical Mouse

Action Due Remarks:

Due Date Remarks:

5059-001022/US/COB

19-Jul-2008 Update Status 5059-P01022/04 Pending **App No.:** 11/788119 **App Dt:** 19-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1419.C2

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 English Translation (Prov App) 5059-P01295A/01 Pending **App No.**: 60/895567 **App Dt**: 19-Mar-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1786PR2

5059-001295/US/PS2 Title: Compensating For Slow/Fast Process Corners By Increasing Voltage And Configuring Feedback Delay Of A PLL

Client: Marvell Semiconductor Inc.

Client: Marvell Semiconductor Inc.

Title: Low Power Optical Mouse



19-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9300 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

App Dt: 19-Mar-2008

MDW

Pending

Priority Document NEP App No.: PCT/US2008/003607 Final Patent Cooperation Treaty Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1789.WO HDP Number:

5059-001298/WO/POA Title: IP Mobility Mechanism Selection For Multi-Mode Terminals With Tunneled IP Connectivity

Client: Marvell Semiconductor Inc.

5059-P01298/01

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Convert to Regular NEP 5059-P01523/01 **App No.:** 60/950692 App Dt: 19-Jul-2007 Pending MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2024PR HDP Number:

5059-001523/US/PS1 Title: Method And Apparatus For Mixed Analog-Digital Frequency Synthesizing And Modulation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Foreign Filing Deadline NEP 5059-P01523/01 Pending **App No.:** 60/950692 App Dt: 19-Jul-2007 MDW

United States of America Pat No.: Final Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2024PR

5059-001523/US/PS1 Title: Method And Apparatus For Mixed Analog-Digital Frequency Synthesizing And Modulation

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9301 of 9672 01-May-2008 31-Jul-2008 Water Metal Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country

Bibliographic Numbers & Dates

Attorneys

19-Jul-2008 Prefiled Status 5059-P01544/02 United States of America Unfiled App No.:

App Dt: Iss Dt: MDW

Reminder HDP Number:

Client Reference: Client Ref. 1: MP2045

5059-001544/US

Title: CPC Measurement Threshold

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Prefiled Status 5059-P01545/02

United States of America

Unfiled

App No.: Pat No.:

Pat No.:

App Dt:

Iss Dt:

MDW

Reminder HDP Number:

Client Reference: Client Ref. 1: MP2046

5059-001545/US

Title: An Application-Layer Mechanism To Enable Power Enhancements In Multi-Access Scenarios

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Prefiled Status

5059-P01546/02

Unfiled

App No.:

App Dt:

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2047

5059-001546/US

Title: A Mechanism To Enable Power Saving In Multi-Access Multi-Homing Scenarios With Host-Based Mobility

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9302 of 9672 01-May-2008 31-Jul-2008 Attorney: N.W. Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 19-Jul-2008 Prefiled Status 5059-P01547/02 Unfiled App No.: MDW

App Dt:

United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2048 HDP Number:

5059-001547/US Title: Multifacet Pseudobeam Detect Generation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Prefiled Status 5059-P01548/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2049 HDP Number:

5059-001548/US Title: Wireless Internet Alarm Clock

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Prefiled Status 5059-P01549/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2050

5059-001549/US Title: Proximity Authentication For WiFi Networks

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Prefiled Status

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9303 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates** Attorneys

MDW

19-Jul-2008 Pending App No.: 60/950488 App Dt: 18-Jul-2007 United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2050PR HDP Number:

5059-001549/US/PS1 Title: Proximity Authentication For WiFi Networks

Client: Marvell Semiconductor Inc.

5059-P01549/01

Action Due Remarks:

Due Date Remarks:

5059-P01550/02 19-Jul-2008 Prefiled Status Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2051 HDP Number:

5059-001550/US Title: Method To Shorten The Spin Up Time Of HDD Spindle Motor In A Voltage Mode Using Pseudo Current Loop

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01655/01 Pending App No.: 60/973523 App Dt: 19-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2159PR

5059-001655/US/PS1 Title: A Method Of Getting Improved Opamp CM Stability When Driving Big Loading

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9304 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NDW
 Whodays Microsop

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

19-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01655/01 Pending App No.: 60/973523 App Dt: 19-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2159PR

5059-001655/US/PS1 Title: A Method Of Getting Improved Opamp CM Stability When Driving Big Loading

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01656/01 Pending **App No.**: 60/973527 **App Dt**: 19-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2160PR

5059-001656/US/PS1 Title: A New Compensation Method To Improve Two Pole Opamp Stability

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01656/01 Pending **App No.**: 60/973527 **App Dt**: 19-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2160PR

5059-001656/US/PS1 Title: A New Compensation Method To Improve Two Pole Opamp Stability

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9305 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missing, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

19-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01666/01 Pending **App No.:** 60/973579 **App Dt:** 19-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2172PR

5059-001666/US/PS1 Title: Flexible Sequencer Design Architecture For Solid State Memory Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01666/01 Pending **App No.**: 60/973579 **App Dt**: 19-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2172PR

5059-001666/US/PS1 Title: Flexible Sequencer Design Architecture For Solid State Memory Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01667A/01 Pending **App No.**: 60/973535 **App Dt**: 19-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2173PR

5059-001667/US/PS1 Title: BT Antenna Diversity

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

19-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9306 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Status

Matter Number/Subcase Indicator **Action Type** Country **Bibliographic Numbers & Dates**

> 5059-P01667A/01 Pending App No.: 60/973535 App Dt: 19-Sep-2007 MDW

Attorneys

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2173PR HDP Number:

5059-001667/US/PS1 Title: BT Antenna Diversity

Convert to Regr-10 Mo Reminder

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 3 Mo Offc Act-Due 2 Wks Final 8540P-P00072/01 Published App No.: 10/463167 App Dt: 17-Jun-2003 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-302364 HDP Number:

8540P-000072/US Title: Diesel Engine Displacement On Demand

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 3 Mo Offc Act-1st Ext 8540P-P00225/01 App No.: 11/236858 App Dt: 27-Sep-2005 MDW Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-305224

8540P-000225/US Title: Bi-Directional Current Sensing Circuit

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9307 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

19-Jul-2008 File Formal Dwgs--9 mo Pending App No.: 60/981275 App Dt: 19-Oct-2007 United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P000149 HDP Number:

8540P-000531/US Title: Variable Valve Lift Transition Control Methods And Systems

Client: General Motors Corporation

8540P-P00531/02

Action Due Remarks: Due Date Remarks:

19-Jul-2008 File Formal Dwgs--9 mo 8540P-P00531/01 Unofficial App No.: 60/981275 App Dt: 19-Oct-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P000149 HDP Number:

8540P-000531/US/PS1 Title: Variable Valve Lift Transition Control Methods And Systems

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

19-Jul-2008 File Formal Dwgs--9 mo 8540P-P00577A/01 Pending App No.: 60/981267 App Dt: 19-Oct-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001071

8540P-000577/US/PS1 Title: Intake Air Temperature Sensor Diagnostic

Client: General Motors Corporation



Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

19-Jul-2008 Convert to Regr-10 Mo Reminder 8540P-P00598/01 Unofficial **App No.:** 60/973585 **App Dt:** 19-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000603

8540P-000598/US/PS1 Title: Auto-Stop (Hybrid Engine Off) Brake Booster Vacuum Leak Diagnostic

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00598/01 Unofficial **App No.**: 60/973585 **App Dt**: 19-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000603

8540P-000598/US/PS1 Title: Auto-Stop (Hybrid Engine Off) Brake Booster Vacuum Leak Diagnostic

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

19-Jul-2008 Formal Drawings Reminder 8540P-P00622/01 Pending *App No.*: 11/959773 *App Dt*: 19-Dec-2007 MDW

Reminder Formal Drawings United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001454

8540P-000622/US Title: High Pressure Pump Actuation In A Vehicle

Client: General Motors Corporation



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9309 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missians, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

19-Jul-2008 Corrected App paper-3rd ext 8540P-P00656/02 Pending **App No.**: 12/021529 **App Dt**: 29-Jan-2008 MDW

Due Date US-Corrected Application Paper United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002520

8540P-000656/US Title: Calibration Systems And Methdos For Scheduled Linear Control Algorithms In Internal Combustion Engine Control

Systems Using Genetic Algortihms, Penalty Functions, Weighting, And Embedding

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00036/02 Unofficial App No.: 10/839679 App Dt: 04-May-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0156.C1

5059-000036/US/COA Title: Protection Circuit And Method For RF Power Amplifiers In WLAN Tranceivers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00047/02 Pending **App No.**: 11/242371 **App Dt**: 03-Oct-2005 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0197.C1

5059-000047/US/COA Title: Preamplifier Arranged In Proximity Of Disk Drive Head

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Friday, May 02, 2008 Due Date List (by Attorney)

01-May-2008

To

31-Jul-2008

Page: 9310 of 9672

Attorney: ****

Due Date

Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

20-Jul-2008 Final Offic Act-1st Ext 5059-P00051/01 Pending **App No.**: 10/443972 **App Dt**: 22-May-2003 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0210

5059-000051/US Title: Mix-Mode Signal Processor Have A Mixed-Mode Decision Feedback Equalizer And Method Thereof

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Final Offic Act-1st Appeal Ext 5059-P00051/01 Pending App No.: 10/443972 App Dt: 22-May-2003 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0210

5059-000051/US Title: Mix-Mode Signal Processor Have A Mixed-Mode Decision Feedback Equalizer And Method Thereof

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00099/01 Mailed **App No.**: 10/722079 **App Dt**: 25-Nov-2003 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0395

5059-000099/US Title: Apparatus For Write Path Fault Detection And Method Thereof

Client: Marvell Semiconductor Inc.

Action Due Remarks:



20-Jul-2008

5059-000141/US/COA

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9311 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

App No.: 10/876653

App Dt: 28-Jun-2004

MDW

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

Pending

HDP Number: Client Reference: Client Ref. 1: MP0104.C1

5059-P00141/02

Title: Head Of Line Blocking Client: Marvell Semiconductor Inc.

Final Offc Act-2nd Appeal Ext

Action Due Remarks: Due Date Remarks:

20-Jul-2008 Registration Fees 5059-P00154/01 App No.: 050084144 App Dt: 18-Apr-2005 MDW Pending

Due Date F-Registration Fees Pat No.: Iss Dt: **European Patent Convention**

HDP Number: Client Reference: Client Ref. 1: MP0481EP

5059-100154/EP Title: Voltage Regulator Feedback Protection Method And Apparatus

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

20-Jul-2008 28 Mo National Stage Reminder 5059-P00202B/01 **Published** App No.: PCT/US2007/006906 App Dt: 03-Mar-2007 MDW

Pat No.: Reminder Patent Cooperation Treaty Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0607.I1I1WO

5059-000202/WO/POH Title: Network System For Distributing Protected Content

Client: Marvell Semiconductor Inc.



Check if IPER received

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9312 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Published

20-Jul-2008 App No.: PCT/US2007/006906 App Dt: 03-Mar-2007 Patent Cooperation Treaty Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0607.I1I1WO

5059-P00202B/01

5059-000202/WO/POH Title: Network System For Distributing Protected Content

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

Prefiled Status 5059-P00291A/02 Unfiled MDW 20-Jul-2008 App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0680PR3 HDP Number:

5059-000291/US/PS3 Title: Enchanced Autolink High Level Design

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Prefiled Status 5059-P00328/01 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0662PR

5059-000328/US/PS1 Title: Preventing Denial-Of-Service Attacks Employing Address Resolution Protocol Packets

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9313 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

Pat No.:

Iss Dt:

App Dt: 19-Jun-2006

MDW

20-Jul-2008 Update Status 5059-P00377/02 Pending **App No.:** 11/408265 App Dt: 20-Apr-2006 MDW

Client Reference: Client Ref. 1: MP0831 HDP Number:

United States of America

5059-000377/US Title: Antenna Diversity System And Method

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Reminder

20-Jul-2008

3 Mo Offc Act-2nd Ext 5059-P00387/02 App No.: 11/471174 Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0842

5059-000387/US Title: Method For Repeatable Run-Out Compensation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00532/04 Pending App No.: 11/133358 App Dt: 20-May-2005 MDW

Due Date US-3 Month Office Action United States of America Iss Dt: Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP0115.D2C1; Client Ref. 2: 213200.00173

5059-000532/US/COC Title: Integrated Chip Package Having Intermediate Substrate

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9314 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: Wisatins.Michael D

Due DateAction DueMatter Number/SubcaseStatusIndicatorAction TypeCountry

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

20-Jul-2008 29 Mo National Stage Reminder 5059-P00649/01 Published **App No.**: PCT/US2007/003742 **App Dt**: 14-Feb-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0954/WO

5059-000649/WO/POA Title: Method For Improved Insitu Spiral Writing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Check if IPER received 5059-P00678/01 Published **App No.**: PCT/US2007/006900 **App Dt**: 20-Mar-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1034/WO

5059-000678/WO/POA Title: Method And Apparatus For Generating Non-Binary Balanced Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 28 Mo National Stage Reminder 5059-P00678/01 Published App No.: PCT/US2007/006900 App Dt: 20-Mar-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1034/WO

5059-000678/WO/POA Title: Method And Apparatus For Generating Non-Binary Balanced Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

20-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9315 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Status

Unofficial

Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

App No.: PCT/IB2007/002714

App Dt: 19-Sep-2007

MDW

Patent Cooperation Treaty Final Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1256.WO HDP Number:

Ch II Demand per Srch Rpt NEP

5059-000871/WO/POA Title: Multiple Media Format Support For Printers

Client: Marvell Semiconductor Inc.

5059-P00871/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Demand Due from Priority Date 5059-P00871/01 Unofficial App No.: PCT/IB2007/002714 App Dt: 19-Sep-2007 MDW

Final WO-Demand Due (Priority Date) Patent Cooperation Treaty Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1256.WO HDP Number:

5059-000871/WO/POA Title: Multiple Media Format Support For Printers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Priority Document NEP 5059-P01302/01 Pending App No.: PCT/US2008/003648 App Dt: 20-Mar-2008 MDW

Final Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1794.WO

5059-001302/WO/POA Title: Sync-E Support And 1000BASE-T

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due: Date List (by Attorney)
 Page: 9316 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEW Minimum Distriction
 D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

20-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01542A/01 Pending App No.: 60/965355 App Dt: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2043PR2

5059-001542/US/PS2 Title: Mechanism For Allocations Of IP Mobility Anchoring Point

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01542A/01 Pending **App No.**: 60/965355 **App Dt**: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2043PR2

5059-001542/US/PS2 Title: Mechanism For Allocations Of IP Mobility Anchoring Point

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Regular NEP 5059-P01550/01 Pending **App No.**: 60/950997 **App Dt**: 20-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2051PR

5059-001550/US/PS1 Title: Method To Shorten The Spin Up Time Of HDD Spindle Motor In A Voltage Mode Using Pseudo Current Loop

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9317 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Mississ, Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

Country Bibliographic Numbers & Dates Attorneys

MDW

 20-Jul-2008
 Foreign Filing Deadline NEP
 5059-P01550/01
 Pending
 App No.: 60/950997
 App Dt: 20-Jul-2007

 Final
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2051PR

5059-001550/US/PS1 Title: Method To Shorten The Spin Up Time Of HDD Spindle Motor In A Voltage Mode Using Pseudo Current Loop

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

20-Jul-2008 Foreign Filing Deadline NEP 5059-P01551/01 Pending App No.: 60/951023 App Dt: 20-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2052PR
5059-001551/US/PS1
Title: Cycle Accurate Simulator

059-001551/US/PS1 Title: Cycle Accurate Simulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Regular NEP 5059-P01551/01 Pending **App No.**: 60/951023 **App Dt**: 20-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2052PR

5059-001551/US/PS1 *Title:* Cycle Accurate Simulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:



20-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9318 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Mississ Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 60/951038

App Dt: 20-Jul-2007

MDW

Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2054PR

Foreign Filing Deadline NEP

5059-001553/US/PS1 Title: Multiple PDNs Support Over Trusted Access

Client: Marvell Semiconductor Inc.

5059-P01553/01

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Regular NEP 5059-P01553/01 Pending **App No.**: 60/951038 **App Dt**: 20-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2054PR

5059-001553/US/PS1 Title: Multiple PDNs Support Over Trusted Access

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01610/01 Pending **App No.**: 60/965436 **App Dt**: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2111PR

5059-001610/US/PS1 Title: Channel Estimation Using Linear Phase Estimation for OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9319 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Missians, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

20-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01610/01 Pending **App No.**: 60/965436 **App Dt**: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2111PR

5059-001610/US/PS1 Title: Channel Estimation Using Linear Phase Estimation for OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01611/01 Pending App No.: 60/965406 App Dt: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2112PR

5059-001611/US/PS1 Title: A Method To Calibrate VCM Current To Write Spirals On Blank Disk

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01611/01 Pending App No.: 60/965406 App Dt: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2112PR

5059-001611/US/PS1 Title: A Method To Calibrate VCM Current To Write Spirals On Blank Disk

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9320 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 20-Jul-2008
 Foreign Filing - 1 Mo Reminder
 5059-P01612/01
 Pending
 App No.: 60/965397
 App Dt: 20-Aug-2007

 Reminder
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2113PR

5059-001612/US/PS1 Title: A Method To Write Ramp-Track Spirals

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to RegIr-1 Mo Reminder 5059-P01612/01 Pending **App No.**: 60/965397 **App Dt**: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2113PR

5059-001612/US/PS1 *Title:* A Method To Write Ramp-Track Spirals

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01613/01 Pending **App No.**: 60/965413 **App Dt**: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2114PR

5059-001613/US/PS1 Title: Increasing Stand-By Time in WCDMA Handsets

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9321 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Mississ Michael 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

20-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01613/01 Pending **App No.**: 60/965413 **App Dt**: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2114PR

5059-001613/US/PS1 Title: Increasing Stand-By Time in WCDMA Handsets

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01614/01 Pending *App No.*: 60/965535 *App Dt*: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2115PR

5059-001614/US/PS1 Title: Threshold Voltage Digitizer For Array Of Programmable Threshold

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01614/01 Pending **App No.**: 60/965535 **App Dt**: 20-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2115PR

5059-001614/US/PS1 Title: Threshold Voltage Digitizer For Array Of Programmable Threshold

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9322 of 9672 01-May-2008 31-Jul-2008

Attorney:

Water Metal

Due Date Action Due Indicator **Action Type**

Matter Number/Subcase

Country

Client Reference: Client Ref. 1: MP2116PR

Status

Bibliographic Numbers & Dates

Attorneys

20-Jul-2008

HDP Number:

Convert to Reglr-1 Mo Reminder

5059-P01615/01

Pending

App No.: 60/965409

Pat No.:

App Dt: 20-Aug-2007

Iss Dt:

Iss Dt:

MDW

Reminder

United States of America

5059-001615/US/PS1

Title: Object Oriented Non-Volatile Memory Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01615/01

Pending

App No.: 60/965409

Pat No.:

App Dt: 20-Aug-2007 MDW

Reminder HDP Number: United States of America

Client Reference: Client Ref. 1: MP2116PR

5059-001615/US/PS1

Title: Object Oriented Non-Volatile Memory Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008

Foreign Filing--10 Mo Reminder

5059-P01668/01

Pending

App No.: 60/973896

App Dt: 20-Sep-2007 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2174PR

5059-001668/US/PS1

Title: WiFi Station Request For Change In AP Association Because Of Coexistence Issues

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

20-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01668/01 Pending **App No.**: 60/973896 **App Dt**: 20-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2174PR

5059-001668/US/PS1 Title: WiFi Station Request For Change In AP Association Because Of Coexistence Issues

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01669/01 Pending App No.: 60/973905 App Dt: 20-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2175PR

5059-001669/US/PS1 Title: WiFi Station Reduces Transmit Power Because Of Coexistence Issues

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01669/01 Pending **App No.**: 60/973905 **App Dt**: 20-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2175PR

5059-001669/US/PS1 Title: WiFi Station Reduces Transmit Power Because Of Coexistence Issues

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9324 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due

Filed English translation?

20-Jul-2008

Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates**

> App No.: 61/038271 App Dt: 20-Mar-2008 MDW

Attorneys

Due Date **US-English Translation Filed** United States of America Iss Dt: Pat No.:

Pending

HDP Number: Client Reference: Client Ref. 1: MP2507PR

5059-001972/US/PS1 Title: Damped Cascoded Compensation Scheme

Client: Marvell Semiconductor Inc.

5059-P01972/01

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Filed English translation? 5059-P01973/01 **App No.:** 61/038282 App Dt: 20-Mar-2008 Pending MDW

Due Date US-English Translation Filed United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2510PR HDP Number:

5059-001973/US/PS1 Title: Variable Length Block-Code For CQI On PUSCH

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

20-Jul-2008 3 Mo Offc Act-1st Ext 8540P-P00154/01 App No.: 11/043222 App Dt: 26-Jan-2005 MDW Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-303975

8540P-000154/US Title: DoD Accelerometer Sensor Feedback Control for N&V

Action Due Remarks: Received from GM 4/10/2008.

Client: General Motors Corporation



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9325 of 9672

01-May-2008

31-Jul-2008

Attorney:

Wildelie Medice D

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

20-Jul-2008

3 Mo Offc Act-2nd Ext

8540P-P00261/01

Published

App No.: 11/233450

App Dt: 22-Sep-2005

MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number: 8540P-000261/US Client Reference: Client Ref. 1: GP-306022

Title: Diesel Particulate Filter (DPF) Regeneration By Electric Heating Of Resistive Coatings

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

20-Jul-2008

3 Mo Offc Act-Due 2 Wks Final

8540P-P00268/01

Pending

App No.: 11/560997

Pat No.:

App Dt: 17-Nov-2006 MDW

Iss Dt:

Due Date US-3 Month Office Action

United States of America

HDP Number:

Client Reference: Client Ref. 1: GP-305956

8540P-000268/US

Title: Liquid Fuel Purge Detection Algorithm

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

20-Jul-2008

3 Mo Offc Act-1st Ext

8540P-P00283/01

Pending

App No.: 11/385045

App Dt: 17-Mar-2006 MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: GP-305912

8540P-000283/US

Title: Diesel Oxidation Catalyst Temperature Sensors Rationality Diagnostic Method

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9326 of 9672

01-May-2008

31-Jul-2008

Attorney:

Wiccord Michigan

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

20-Jul-2008

Final Offc Act-1st Appeal Ext

8540P-P00330/02

Pending

App No.: 11/434378

App Dt: 15-May-2006 MDW

Due Date

US-Final Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: GP-306863

8540P-000330/US

Title: Air Dynamic Steady State Detect Algorithm For Cam Phaser Movement - Filter Difference Approach

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Client Reference: Client Ref. 1: GP-306863

Due Date Remarks:

20-Jul-2008

Final Offc Act-1st Ext

8540P-P00330/02

Pending

App No.: 11/434378

App Dt: 15-May-2006

Pat No.:

Iss Dt:

MDW

Due Date HDP Number: **US-Final Office Action**

United States of America

8540P-000330/US

Title: Air Dynamic Steady State Detect Algorithm For Cam Phaser Movement - Filter Difference Approach

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Due Date Remarks:

20-Jul-2008

3 Mo Offc Act-2nd Ext

8540P-P00332/01

Pending

App No.: 11/539904

App Dt: 10-Oct-2006 MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: GP-307045

8540P-000332/US

Title: Oxygen Based DPF Regeneration Strategy

Client: General Motors Corporation

Action Due Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

20-Jul-2008 Foreign Filing Deadline NEP 8540P-P00512/01 Unofficial **App No.:** 11/880449 **App Dt:** 20-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000038

8540P-000512/US Title: Dual Core Plus ECC Architecture For Torque Security

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Foreign Filing Deadline NEP 8540P-P00521/02 Pending *App No.*: 11/954945 *App Dt*: 12-Dec-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000273

8540P-000521/US Title: Method Of Smoothing Non-Driver Commanded Restarts Of A Hybrid Vehicle

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Regular NEP 8540P-P00521/01 Unofficial **App No.:** 60/961547 **App Dt:** 20-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000273

8540P-000521/US/PS1 Title: Method Of Smoothing Non-Driver Commanded Restarts Of A Hybrid Vehicle

Client: General Motors Corporation

Action Due Remarks:



 Due Date List (by Attorney)
 Page: 9328 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: \$500
 Wiscosts, Michael D

Anomey, mass smaller sections

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

 20-Jul-2008
 Foreign Filing Deadline NEP
 8540P-P00521/01
 Unofficial
 App No.: 60/961547
 App Dt: 20-Jul-2007

 Final
 United States of America
 Pat No.:
 Iss Dt:

Final United States of America Pat No.:

HDP Number: Client Reference: Client Ref. 1: P000273

05/400 000504/110/004

8540P-000521/US/PS1 Title: Method Of Smoothing Non-Driver Commanded Restarts Of A Hybrid Vehicle

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

Foreign Filing - 1 Mo Reminder 8540P-P00576/01

Unofficial

App No.: 60/965393

Pat No.:

App Dt: 20-Aug-2007 MDW

MDW

Reminder United States of America

HDP Number: Client Reference: Client Ref. 1: P001054

8540P-000576/US/PS1 Title: Diagnostics Of The High Pressure Side Using The ECM In Common Rail Diesel Engines

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Reglr-1 Mo Reminder

8540P-P00576/01

Unofficial

App No.: 60/965393

App Dt: 20-Aug-2007 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

Iss Dt:

HDP Number:

20-Jul-2008

Client Reference: Client Ref. 1: P001054

8540P-000576/US/PS1

Title: Diagnostics Of The High Pressure Side Using The ECM In Common Rail Diesel Engines

Client: General Motors Corporation

Action Due Remarks:



Attorney:

Due Date

Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

20-Jul-2008 Foreign Filing Deadline NEP 8540P-P00628/01 Unofficial **App No.**: 60/961546 **App Dt**: 20-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001932

8540P-000628/US/PS1 Title: System And Method For Estimating Volumetric Efficiency For Engines With Intake And Exhaust Cam Phasers

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Convert to Regular NEP 8540P-P00628/01 Unofficial App No.: 60/961546 App Dt: 20-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001932

8540P-000628/US/PS1 Title: System And Method For Estimating Volumetric Efficiency For Engines With Intake And Exhaust Cam Phasers

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Foreign Filing Deadline NEP 8540P-P00628/02 Pending *App No.*: 11/965130 *App Dt*: 27-Dec-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001932

8540P-000628/US Title: System And Method For Estimating Volumetric Efficiency For Engines With Intake And Exhaust Cam Phasers

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9330 of 9672 01-May-2008 31-Jul-2008

Wiccian Mense () Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

App No.: 09/579393

Bibliographic Numbers & Dates

App Dt: 26-May-2000

Attorneys

MDW

Due Date **US-Final Office Action** United States of America Iss Dt: Pat No.:

Pending

HDP Number: Client Reference:

Final Offc Act-2nd Ext

20-Jul-2008

9660-000001/US Title: Distributed Control For A Continuous Play Background Media System

9660-P00001/01

Client: American Music Environments

Action Due Remarks:

Due Date Remarks:

20-Jul-2008 Final Offc Act-2nd Appeal Ext 9660-P00001/01 App No.: 09/579393 App Dt: 26-May-2000 MDW Pending

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

9660-000001/US Title: Distributed Control For A Continuous Play Background Media System

Client: American Music Environments

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 3 Mo Offc Act-1st Ext 2671-P00002/06 **Published** App No.: 11/301751 App Dt: 13-Dec-2005 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

2671-000002/US/CPC Title: Battery State Of Charge Algorithm

Client: COBASYS LLC

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9331 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

21-Jul-2008 3 Mo Offc Act-Due 2 Wks Final 5059-P00055/03 Unofficial App No.: 11/334030 App Dt: 18-Jan-2006 Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0219.C2

5059-000055/US/COB Title: Low Power And High Accuracy Band Gap Voltage Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00133/01 App No.: 10/175925 App Dt: 19-Jun-2002 Pending MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0149

5059-000133/US Title: PCT To 8-Port Serial ATA Host Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 3 Mo Offc Act-2nd Ext 5059-P00140/01 Mailed App No.: 10/826171 App Dt: 16-Apr-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0491

Title: Wireless LAN Solutions

5059-000140/US

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9332 of 9672 01-May-2008 31-Jul-2008

Attorney: Water Metal

Final Offc Act-1st Ext

21-Jul-2008

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Pending **App No.:** 11/407417 App Dt: 20-Apr-2006 Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0813 HDP Number:

5059-000372/US Title: Integrated Circuit Voltage Domain Detection System And Associated Methodology

Client: Marvell Semiconductor Inc.

5059-P00372/02

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Final Offc Act-1st Appeal Ext 5059-P00372/02 App No.: 11/407417 App Dt: 20-Apr-2006 MDW Pending

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0813 HDP Number:

5059-000372/US Title: Integrated Circuit Voltage Domain Detection System And Associated Methodology

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Instruct Agent - Reg Fees 5059-P00426/01 Published App No.: 019589704 App Dt: 17-Jul-2001 MDW

Due Date Pat No.: Iss Dt: F-Registration Fees **European Patent Convention**

HDP Number: Client Reference: Client Ref. 1: QLOGICP.021VEP; Client Ref. 2: MP0780

5059-100426/EP/01 Title: Disk Controller Configured To Perform Out Of Order Execution Of Write Operations

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9333 of 9672 01-May-2008 31-Jul-2008

Attorney:

Water Medical D

Due Date Action Due Indicator

Action Type

Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

App Dt: 15-May-2007

21-Jul-2008 Due Date

3 Mo Offc Act-1st Ext

5059-P00431/02

Published

App No.: 11/803458

MDW

Attorneys

HDP Number:

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

5059-000431/US/COA

Client Reference: Client Ref. 1: MP0785.C1

Title: Method And System For Using An External Bus Controller In Embedded Disk Controllers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008

3 Mo Offc Act-Due 2 Wks Final

5059-P00445/01

Pending

App No.: 10/686151

App Dt: 15-Oct-2003 MDW

Due Date

US-3 Month Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0798

5059-000445/US

Title: System And Method For Using Tap Controllers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008

Non-Comp. Amend Due-2nd ext

5059-P00466/03

Pending

App No.: 10/614084

App Dt: 08-Jul-2003

MDW

Due Date

US-Non-Compliant Amendment

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0005REC2; Client Ref. 2: 213200.00087

5059-000466/US/REC

Title: Controllable Integrator

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9334 of 9672 01-May-2008 31-Jul-2008 Wildelie Medice D

Attorney:

3 Mo Offc Act-Due 2 Wks Final

21-Jul-2008

HDP Number:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

Pending **App No.:** 11/732010 App Dt: 02-Apr-2007 Due Date US-3 Month Office Action Pat No.: Iss Dt:

United States of America Client Reference: Client Ref. 1: MP0113.C1

5059-P00531/03

5059-000531/US/COA Title: Method And Apparatus For Detecting And Supplying Power By A First Network Device To A Second Network

Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Drawing/Formality-3 Mo Final 5059-P00571/02 Published App Dt: 21-Mar-2006 MDW **App No.:** 11/385962

Final US-Notce Allowability-Drawings United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0447.C1 HDP Number:

5059-000571/US/COA Title: System And Method For Generating Cyclic Redundancy Check

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 5059-P00571/02 Issue Fee Due-Final **Published App No.:** 11/385962 **App Dt:** 21-Mar-2006 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No .: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0447.C1

5059-000571/US/COA Title: System And Method For Generating Cyclic Redundancy Check

Client: Marvell Semiconductor Inc.



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9335 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Mississ Micross 0

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

or Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

21-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00571/02 Published *App No.*: 11/385962 *App Dt*: 21-Mar-2006

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0447.C1

5059-000571/US/COA Title: System And Method For Generating Cyclic Redundancy Check

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Prefiled Status 5059-P00818/02 Unfiled **App No.**: **App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1203

5059-000818/US Title: A Low-voltage Clock Delay Generation Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Update Status 5059-P01107/02 Pending *App No.*: 11/953552 *App Dt*: 10-Dec-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1596

5059-001107/US *Title:* System And Method For Peripheral Device Communications

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9336 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

21-Jul-2008 Foreign Filing - 1 Mo Reminder Pending **App No.:** 60/957035 App Dt: 21-Aug-2007 United States of America Iss Dt: Reminder Pat No.:

Client Reference: Client Ref. 1: MP1749PR HDP Number:

5059-001259/US/PS1 Title: FPGA Using Flash

Client: Marvell Semiconductor Inc.

5059-P01259/01

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01259/01 **App No.:** 60/957035 App Dt: 21-Aug-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1749PR

5059-001259/US/PS1 Title: FPGA Using Flash

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 English Translation (Prov App) 5059-P01308/01 Pending App No.: 60/896150 App Dt: 21-Mar-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1791PR

5059-001308/US/PS1 Title: High Quality And Reliability Gold Bump Method For Die To Die Wire Bonding

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due DateAction DueMatter Number/SubcaseStatusIndicatorAction TypeCountry

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

21-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01328A/01 Pending **App No.**: 60/974247 **App Dt**: 21-Sep-2007

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1819I1PR

5059-001328/US/PS2 Title: Simple HARQ Transmission Scheme And Receiver Architecture For MIMO Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01328A/01 Pending **App No.**: 60/974247 **App Dt**: 21-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1819I1PR

5059-001328/US/PS2 Title: Simple HARQ Transmission Scheme And Receiver Architecture For MIMO Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01558A/01 Pending App No.: 60/957056 App Dt: 21-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2059PR2

5059-001558/US/PS2 *Title:* Rate Matching For RED HOT

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

21-Jul-2008

21-Jul-2008

5059-001558/US/PS2

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9338 of 9672 01-May-2008 31-Jul-2008 Attorney:

Status

Indicator **Action Type** Country

Convert to Reglr-1 Mo Reminder

Pending **App No.:** 60/957056

App Dt: 21-Aug-2007 MDW

Attorneys

Bibliographic Numbers & Dates

United States of America Pat No.: Iss Dt: Reminder

Client Reference: Client Ref. 1: MP2059PR2 HDP Number:

> Title: Rate Matching For RED HOT Client: Marvell Semiconductor Inc.

5059-P01558A/01

Matter Number/Subcase

Action Due Remarks: Due Date Remarks:

21-Jul-2008 Convert to Reglr-1 Mo Reminder

5059-P01616/01

App No.: 60/957061 Pending

App Dt: 21-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2117PR HDP Number:

5059-001616/US/PS1 Title: Self Decodable Redundancy Versions For Red Hot

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Foreign Filing - 1 Mo Reminder

5059-P01616/01 Pending

App No.: 60/957061

App Dt: 21-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2117PR

5059-001616/US/PS1 Title: Self Decodable Redundancy Versions For Red Hot

Client: Marvell Semiconductor Inc.



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9339 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Wississ, Bicknet 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

21-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01672/01 Pending App No.: 60/974302 App Dt: 21-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: MP2176PR

5059-001672/US/PS1 Title: Method Of Storing Cache Way-Mux Selects As An Extension Of TLB Entry To Eliminate Timing Sensitivity Of

Address Tag Comparison For Set Associative Cache

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01672/01 Pending App No.: 60/974302 App Dt: 21-Sep-2007 MDW

Reminder United States of America Pat No.: iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2176PR

5059-001672/US/PS1 Title: Method Of Storing Cache Way-Mux Selects As An Extension Of TLB Entry To Eliminate Timing Sensitivity Of

Address Tag Comparison For Set Associative Cache

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01673/01 Pending **App No.**: 60/974306 **App Dt**: 21-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1; MP2177PR

5059-001673/US/PS1 Title: Method Of Selecting Cache Way For Allocation, Access, And Replacement

Client: Marvell Semiconductor Inc.

Action Due Remarks:



21-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9340 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

Convert to Regr-10 Mo Reminder Pending **App No.:** 60/974306 App Dt: 21-Sep-2007 United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2177PR HDP Number:

5059-001673/US/PS1 Title: Method Of Selecting Cache Way For Allocation, Access, And Replacement

Client: Marvell Semiconductor Inc.

5059-P01673/01

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01674/01 App No.: 60/974318 App Dt: 21-Sep-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2178PR HDP Number:

5059-001674/US/PS1 Title: Program And Erase Method For Multi-Level Non-Volatile Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01674/01 Pending App No.: 60/974318 App Dt: 21-Sep-2007 MDW

Pat No.: Reminder United States of America Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2178PR

5059-001674/US/PS1 Title: Program And Erase Method For Multi-Level Non-Volatile Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9341 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

Iss Dt:

21-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01675/01 Pending **App No.:** 60/974296 **App Dt:** 21-Sep-2007

Reminder United States of America Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP2169PR

5059-001675/US/PS1 Title: Fully-Integrated Dual-Band 3Tx3R MIMO Transceiver In 90nm CMOS

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01675/01 Pending App No.: 60/974296 App Dt: 21-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2169PR

5059-001675/US/PS1 Title: Fully-Integrated Dual-Band 3Tx3R MIMO Transceiver In 90nm CMOS

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Reminder - Foreign Filing 5059-P01871/01 Pending **App No.**: 61/022431 **App Dt**: 21-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2402PR

5059-001871/US/PS1 Title: System With High Power And Low Power Processors

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9342 of 9672

01-May-2008

31-Jul-2008

Attorney:

Water Metal

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

21-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01871/01

Pending

App No.: 61/022431

App Dt: 21-Jan-2008

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2402PR

5059-001871/US/PS1

Title: System With High Power And Low Power Processors

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Update Status

5059-P01871/01

Pending

App No.: 61/022431

Pat No.:

App Dt: 21-Jan-2008 MDW

Iss Dt:

Reminder HDP Number: United States of America

Client Reference: Client Ref. 1: MP2402PR

5059-001871/US/PS1

Title: System With High Power And Low Power Processors

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008

Update Status

5059-P01872A/01

Pending

App No.: 61/022440

App Dt: 21-Jan-2008 MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2403PR

5059-001872/US/PS1

Title: Methods And Apparatus For Improved Performance Of Iterative Decoding Systems Via Random Noise Biasing

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9343 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Wissiass Bicknet 0

Due Date Action Due Matter Number/Subcase Status
Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

21-Jul-2008 Reminder - Foreign Filing 5059-P01872A/01 Pending **App No.**: 61/022440 **App Dt**: 21-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2403PR

5059-001872/US/PS1 Title: Methods And Apparatus For Improved Performance Of Iterative Decoding Systems Via Random Noise Biasing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Convert to Regir-6 Mo Reminder 5059-P01872A/01 Pending App No.: 61/022440 App Dt: 21-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2403PR

5059-001872/US/PS1 Title: Methods And Apparatus For Improved Performance Of Iterative Decoding Systems Via Random Noise Biasing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01873A/01 Pending **App No.:** 61/022435 **App Dt:** 21-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2404PR

5059-001873/US/PS1 Title: A Faster Method To Dynamically Switch Cores In A Multi Core System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9344 of 9672 01-May-2008 31-Jul-2008 Attorney:

Reminder

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

Pat No.:

MDW

Iss Dt:

21-Jul-2008 Update Status 5059-P01873A/01 Pending App No.: 61/022435 App Dt: 21-Jan-2008

HDP Number: Client Reference: Client Ref. 1: MP2404PR

5059-001873/US/PS1 Title: A Faster Method To Dynamically Switch Cores In A Multi Core System

Client: Marvell Semiconductor Inc.

United States of America

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Reminder - Foreign Filing 5059-P01873A/01 App No.: 61/022435 App Dt: 21-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2404PR HDP Number:

5059-001873/US/PS1 Title: A Faster Method To Dynamically Switch Cores In A Multi Core System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00535/01 Unofficial **App No.:** 60/956982 App Dt: 21-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-308984 HDP Number:

8540P-000535/US Title: Diesel Transient Combustion Control Based On Intake CO2 Concentration

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9345 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Wississ, Bicknet 0

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

21-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00535/01 Unofficial App No.: 60/956982 App Dt: 21-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308984

8540P-000535/US Title: Diesel Transient Combustion Control Based On Intake CO2 Concentration

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Information Disclosure Stmnt 8540P-P00574/01 Unofficial App No.: 12/106552 App Dt: 21-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000892

8540P-000574/US Title: Late Intake Valve Closing To Improve Cold Startability For Spark-Ignition Direct-Injection (SIDI) Engines

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

21-Jul-2008 Priority document filed? 8540P-P00574/01 Unofficial *App No.*: 12/106552 *App Dt*: 21-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000892

8540P-000574/US Title: Late Intake Valve Closing To Improve Cold Startability For Spark-Ignition Direct-Injection (SIDI) Engines

Client: General Motors Corporation

Action Due Remarks:



21-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9346 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

App No.: 12/106594

App Dt: 21-Apr-2008

MDW

Priority document filed? United States of America Pat No.: Iss Dt: Reminder

Unofficial

Client Reference: Client Ref. 1: P001450 HDP Number:

8540P-000585/US Title: Electrically Heated Particulate Matter

Client: General Motors Corporation

8540P-P00585/02

Action Due Remarks: Due Date Remarks:

21-Jul-2008 3 Mo Offc Act-1st Ext 8540P-P00632/01 **App No.:** 11/352902 App Dt: 13-Feb-2006 MDW Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-307526 HDP Number:

8540P-000632/US Title: Method And Apparatus For Operating Impulse Charger For Transient Torque Management

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Due Date Remarks:

22-Jul-2008 File Correct App Papers +4 NEP 10400S-P00009/02 App Dt: 14-Dec-2007 App No.: 12/002284 DJD,MDW Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

10400S-000009/US/DVA Title: Sheet Metal Section

Client: Awapatent- Saab



Friday, May 02, 2008 Due Date List (by Attorney) Page: 9347 of 9672
01-May-2008 To 31-Jul-2008

Attorney:

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

22-Jul-2008 Final Offic Act-2nd Appeal Ext 5059-P00146/02 Published **App No.:** 11/710384 **App Dt:** 23-Feb-2007 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0465.C1

5059-000146/US/COA Title: Closed-Loop Digital Control System For A DC/DC Converter

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Rescind Non-Publication NEP 5059-P00147/02 Pending **App No.**: 11/656774 **App Dt**: 22-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0492.C1

5059-000147/US/COA *Title:* Programmable High Pass Amplifier For Perpendicular

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 XOT Office Action 5059-P00156/03 Pending **App No.**: 050106723 **App Dt**: 17-May-2005 MDW

Due Date F-Office Action European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0525.D2.EP

5059-100156/EP/02 *Title:* Adaptive Storage System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks: Ext Possible



Office Action Due

22-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9348 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

Bibliographic Numbers & Dates Attorneys

App Dt: 17-May-2005

MDW

App No.: 050106731

Due Date F-Office Action European Patent Convention Pat No.: Iss Dt:

HDP Number:Client Reference:Client Ref. 1: MP0525.D3.EP5059-100156/EP/03Title:Adaptive Storage System

Client: Marvell Semiconductor Inc.

5059-P00156/04

Action Due Remarks:

Due Date Remarks: Extension Available

22-Jul-2008 3 Mo Offic Act-2nd Ext 5059-P00156/08 Published App No.: 11/796645 App Dt: 27-Apr-2007 MDW

Pending

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0525.11C2

5059-000156/US/COG Title: Adaptive Storage System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 3 Mo Offic Act-2nd Ext 5059-P00173/02 Published **App No.:** 11/039288 **App Dt:** 19-Jan-2005 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0577

5059-000173/US Title: Unified Control And Memory For A Combined DVD/HDD System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



22-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9349 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Drawing/Formality-3 Mo Final App No.: 11/190025 App Dt: 26-Jul-2005 Final US-Notce Allowability-Drawings United States of America Pat No.: Iss Dt:

Published

Client Reference: Client Ref. 1: MP0627.I1 HDP Number:

5059-000223/US/CPA Title: Control System For Fluorescent Light Fixture

Client: Marvell Semiconductor Inc.

5059-P00223A/02

Action Due Remarks: Due Date Remarks:

22-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00223A/02 Published **App No.:** 11/190025 App Dt: 26-Jul-2005 MDW

US-Notice of Allowance Rec'd Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0627.I1 HDP Number:

5059-000223/US/CPA Title: Control System For Fluorescent Light Fixture

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Issue Fee Due-Final 5059-P00223A/02 **Published** App No.: 11/190025 App Dt: 26-Jul-2005 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0627.I1

5059-000223/US/CPA Title: Control System For Fluorescent Light Fixture

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9350 of 9672 01-May-2008 31-Jul-2008 Attorney: N.W.

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

Pat No.: 7359139

22-Jul-2008 Rescind Non-Publication NEP 5059-P00226/03 Granted App No.: 11/656734 App Dt: 22-Jan-2007 MDW Final United States of America Iss Dt: 15-Apr-2008

Client Reference: Client Ref. 1: MP0309.C1 HDP Number:

5059-000226/US/COB Title: Detecting Fly Height Of A Head Over A Storage Medium

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

22-Jul-2008 5059-P00330/03 **Published** App No.: 2006100988327 App Dt: 13-Jul-2006 MDW Sub Exam

Final Pat No.: China (Peoples Republic) Iss Dt:

HDP Number: Client Reference:

5059-100330/CN/02 Title: Packaging For High Speed Integrated Circuits

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

22-Jul-2008 Request Exam 5059-P00330/03 Published App No.: 2006100988327 App Dt: 13-Jul-2006 MDW

Pat No.: Iss Dt: Final China (Peoples Republic)

HDP Number: Client Reference:

5059-100330/CN/02 Title: Packaging For High Speed Integrated Circuits

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9351 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Action Due Matter Number/Subcase Indicator **Action Type** Country

Status

Published

Bibliographic Numbers & Dates Attorneys

22-Jul-2008 Sub Exam 5059-P00330/01

App No.: 2006100988346

App Dt: 13-Jul-2006 MDW

Final

China (Peoples Republic)

Pat No.:

Iss Dt:

HDP Number:

Client Reference:

5059-100330/CN

Title: Packaging For High Speed Integrated Circuits

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Request Exam

5059-P00330/01

Published

App No.: 2006100988346

App Dt: 13-Jul-2006 MDW

Final

China (Peoples Republic)

Pat No.:

Iss Dt:

HDP Number:

Client Reference:

5059-100330/CN

Title: Packaging For High Speed Integrated Circuits

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008

Sub Exam

5059-P00330/02

Published

App No.: 2006100988331

App Dt: 13-Jul-2006

MDW

Final

China (Peoples Republic)

Pat No.:

Iss Dt:

HDP Number:

Client Reference:

5059-100330/CN/01

Title: Packaging For High Speed Integrated Circuits

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

22-Jul-2008 Request Exam 5059-P00330/02 Published **App No.**: 2006100988331 **App Dt**: 13-Jul-2006 MDW

Final China (Peoples Republic) Pat No.: Iss Dt:

HDP Number: Client Reference:

5059-100330/CN/01 Title: Packaging For High Speed Integrated Circuits

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Drawing/Formality-3 Mo Final 5059-P00390/04 Published **App No.**: 11/528034 **App Dt**: 27-Sep-2006 MDW

Final US-Notce Allowability-Drawings United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0845.C2

5059-000390/US/COB Title: High-Bandwidth High-Gain Amplifier

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00390/04 Published App No.: 11/528034 App Dt: 27-Sep-2006 MDW

Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0845.C2

5059-000390/US/COB Title: High-Bandwidth High-Gain Amplifier

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9353 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Messell

Issue Fee Due-Final

22-Jul-2008

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates Attorneys**

MDW

App No.: 11/528034 App Dt: 27-Sep-2006 Final US-Notice of Allowance Rec'd United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0845.C2 HDP Number:

5059-000390/US/COB Title: High-Bandwidth High-Gain Amplifier

Client: Marvell Semiconductor Inc.

5059-P00390/04

Action Due Remarks:

Due Date Remarks:

3 Mo OA (1st) + 3 (NEP) 5059-P00554/01 22-Jul-2008 **App No.:** 10/790689 App Dt: 03-Mar-2004 MDW Pending

Published

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0304:Client Ref. 2: 213200.00095 HDP Number:

5059-000554/US Title: System And Method For Reducing Electromagnetic Interference And Ground Bounce In An Information

Communication System By Controlling Phase Of Clock Signals Among A Plurality Of Information Communication

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Request for Rectification 5059-P00740/01 Pending App No.: PCT/US2007/011682 MDW **App Dt:** 16-May-2007

Due Date Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0754.WO

5059-000740/WO/POA Title: Packet Tunneling For Wireless Clients Using Maximum Transmission Unit Reduction

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9354 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 22-Jul-2008 19 Mo National Stage Reminder 5059-P00894A/01 Pending App No.: PCT/US2007/026309 App Dt: 26-Dec-2007 MDW Reminder Pat No.: Iss Dt: **Patent Cooperation Treaty** HDP Number: Client Reference: Client Ref. 1: MP1242.WO 5059-000894/WO/POA Title: Power Control Device Client: Marvell Semiconductor Inc. Action Due Remarks: Due Date Remarks:

22-Jul-2008 19 Mo Chap II Demand NEP

5059-P00894A/01

Pending

App No.: PCT/US2007/026309

Pat No.:

Pat No.:

App Dt: 26-Dec-2007 MDW

Iss Dt:

Iss Dt:

Final

Patent Cooperation Treaty

HDP Number:

Client Reference: Client Ref. 1: MP1242.WO

5059-000894/WO/POA

Title: Power Control Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 18 Mo Chap II Demand Reminder

5059-P01169A/01

Pending

App No.: PCT/US2008/000390

App Dt: 11-Jan-2008 MDW

Reminder

Patent Cooperation Treaty

HDP Number:

Client Reference: Client Ref. 1: MP1662.WO

5059-001169/WO/POA

Title: Temperature Sensing System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9355 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 22-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01455A/01 Pending App No.: 60/957315 App Dt: 22-Aug-2007 MDW United States of America Iss Dt: Reminder Pat No.: HDP Number: Client Reference: Client Ref. 1: MP1950PR 5059-001455/US/PS1 Title: Qos Over Mesh Networks

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Convert to RegIr-1 Mo Reminder 5059-P01455A/01 Pending **App No.**: 60/957315 **App Dt**: 22-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1950PR

5059-001455/US/PS1 Title: Qos Over Mesh Networks

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

22-Jul-2008 Convert to RegIr-6 Mo Reminder 5059-P01584/01 Pending **App No.**: 61/022702 **App Dt**: 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2086PR

5059-001584/US/PS1 Title: Power Management For System On Chip With Sleep Mode

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 01-May-2008

31-Jul-2008

App No.: 61/022702

Attorney:

Update Status

22-Jul-2008

Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates**

App Dt: 22-Jan-2008 MDW

Iss Dt:

Page: 9356 of 9672

Attorneys

United States of America Reminder Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP2086PR

5059-001584/US/PS1 Title: Power Management For System On Chip With Sleep Mode

Client: Marvell Semiconductor Inc.

5059-P01584/01

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Reminder - Foreign Filing 5059-P01584/01 App No.: 61/022702 App Dt: 22-Jan-2008 Pending MDW

Pending

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2086PR HDP Number:

5059-001584/US/PS1 Title: Power Management For System On Chip With Sleep Mode

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01617/01 Pending **App No.:** 60/957302 App Dt: 22-Aug-2007 MDW

Reminder United States of America Iss Dt: Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP2118PR

5059-001617/US/PS1 Title: Detector for High Frequency Amplitude Modulation Distortion

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9357 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

22-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01617/01 Pending **App No.**: 60/957302 **App Dt**: 22-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2118PR

5059-001617/US/PS1 Title: Detector for High Frequency Amplitude Modulation Distortion

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01618/01 Pending **App No.**: 60/957310 **App Dt**: 22-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2119PR

5059-001618/US/PS1 Title: Input-Decoupled Efficient Clock Doubler With Duty-Cycle Correction

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01618/01 Pending **App No.**: 60/957310 **App Dt**: 22-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2119PR

5059-001618/US/PS1 Title: Input-Decoupled Efficient Clock Doubler With Duty-Cycle Correction

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

22-Jul-2008 Update Status 5059-P01874A/01 Pending **App No.**: 61/022628 **App Dt**: 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2405PR

5059-001874/US/PS1 Title: Pole Miss Match Compensation Via Feedback Control Approach

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Reminder - Foreign Filing 5059-P01874A/01 Pending App No.: 61/022628 App Dt: 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2405PR

5059-001874/US/PS1 Title: Pole Miss Match Compensation Via Feedback Control Approach

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01874A/01 Pending **App No.**: 61/022628 **App Dt**: 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2405PR

5059-001874/US/PS1 Title: Pole Miss Match Compensation Via Feedback Control Approach

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9359 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Whoshes Nichael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

or Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

22-Jul-2008 Update Status 5059-P01875/01 Pending **App No.**: 61/022635 **App Dt**: 22-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2406PR

5059-001875/US/PS1 Title: Encoding Bit Interference Due To Spot Size

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01875/01 Pending **App No.:** 61/022635 **App Dt:** 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2406PR

5059-001875/US/PS1 Title: Encoding Bit Interference Due To Spot Size

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Reminder - Foreign Filing 5059-P01875/01 Pending **App No.:** 61/022635 **App Dt:** 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2406PR

5059-001875/US/PS1 Title: Encoding Bit Interference Due To Spot Size

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Due Date List (by Attorney)
 Page: 9360 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEW NEWS Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

22-Jul-2008 Update Status 7395E-P00010/01 Pending App No.: 12/017601 App Dt: 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: S10516PUS

7395E-000010/US Title: Method For The Detection Of An Object And Optoelectronic Apparatus

Client: Manitz, Finsterwald & Partner

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Information Disclosure Stmnt 8540P-P00550/02 Unofficial **App No.:** 12/107269 **App Dt:** 22-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

8540P-000550/US Title: Method To Improve Idle Quality By Torque Smoothing

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Priority document filed? 8540P-P00550/02 Unofficial **App No.**: 12/107269 **App Dt**: 22-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

8540P-000550/US Title: Method To Improve Idle Quality By Torque Smoothing

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9361 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

22-Jul-2008 Reminder - Foreign Filing 8540P-P00567/01 Pending **App No.:** 61/022605 **App Dt:** 22-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000689

8540P-000567/US/PS1 Title: Turbocharger Protection Systems And Methods

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

22-Jul-2008 Update Status 8540P-P00567/01 Pending App No.: 61/022605 App Dt: 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference; Client Ref. 1: P000689

8540P-000567/US/PS1 Title: Turbocharger Protection Systems And Methods

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

Duc Date Helliarks.

22-Jul-2008 Convert to Reglr-6 Mo Reminder 8540P-P00567/01 Pending App No.: 61/022605 App Dt: 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000689

8540P-000567/US/PS1 Title: Turbocharger Protection Systems And Methods

Client: General Motors Corporation



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9362 of 9672

01-May-2008

31-Jul-2008

Attorney:

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

22-Jul-2008

Reminder - Foreign Filing

8540P-P00588/01

Pending

App No.: 61/022660

App Dt: 22-Jan-2008

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: P000508

8540P-000588/US/PS1

Title: Belted Alternator Starter Accessory Drive Tensioning System

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Convert to Reglr-6 Mo Reminder

8540P-P00588/01

Pending

App No.: 61/022660

Pat No.:

App Dt: 22-Jan-2008 MDW

Iss Dt:

Reminder

HDP Number:

United States of America Client Reference: Client Ref. 1: P000508

8540P-000588/US/PS1

Title: Belted Alternator Starter Accessory Drive Tensioning System

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

22-Jul-2008

Update Status

8540P-P00588/01

Pending

App No.: 61/022660

App Dt: 22-Jan-2008

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: P000508

8540P-000588/US/PS1

Title: Belted Alternator Starter Accessory Drive Tensioning System

Client: General Motors Corporation

Action Due Remarks:



Anomey,

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

licator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

22-Jul-2008 Information Disclosure Stmnt 8540P-P00644/02 Unofficial **App No.**: 12/107302 **App Dt**: 22-Apr-2008

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001928

8540P-000644/US Title: LNT Assistance for Enhancing SCR NOx Reduction Over Cold FTP75 Cycle

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Priority document filed? 8540P-P00644/02 Unofficial **App No.**: 12/107302 **App Dt**: 22-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001928

8540P-000644/US Title: LNT Assistance for Enhancing SCR NOx Reduction Over Cold FTP75 Cycle

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Reminder - Foreign Filing 8540P-P00711/01 Pending **App No.**: 61/022639 **App Dt**: 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P003188

8540P-000711/US/PS1 *Title:* Flexible Controller Inputs

Client: General Motors Corporation

Action Due Remarks:



Action Due

Update Status

Due Date

22-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9364 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 61/022639

App Dt: 22-Jan-2008

MDW

Status

Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P003188

8540P-000711/US/PS1 *Title:* Flexible Controller Inputs

Client: General Motors Corporation

8540P-P00711/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Convert to Reglr-6 Mo Reminder 8540P-P00711/01 Pending App No.: 61/022639 App Dt: 22-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P003188

8540P-000711/US/PS1 Title: Flexible Controller Inputs

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

22-Jul-2008 Renewal Accepted? 9660-T00008/01 Registered App No.: 75/155769 App Dt: 26-Aug-1996 MDW,LMD,

Reminder United States of America Reg No.: 2121173 Reg Dt: 16-Dec-1997

HDP Number: Client Reference:

9660-200008/US Trademark: RADIO PROGRAMMING AND MANAGEMENT

Client: American Music Environments



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9365 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Ext to HK after Grant

23-Jul-2008

Due Date Action Due Matter Number/Subcase Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

App Dt: 08-Jul-2003

MPB,MDW,JSB

MDW

App No.: 038161508 Pat No.: ZL038161508 Iss Dt: 23-Jan-2008 Due Date Extension to Hong Kong China (Peoples Republic)

Status

Granted

Client Reference: Client Ref. 1: EMC-02-047/CN/1 HDP Number:

3174-100017/CN/01 Title: Interconnecting Method for Segmented Stator Electric Machines

Client: Emerson Motor Company

3174-P00017/01

Action Due Remarks: Due Date Remarks:

Update Status 5059-P00010/05 **App No.:** 11/584946 App Dt: 23-Oct-2006 23-Jul-2008 Published

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0087.D2l1 HDP Number:

5059-000010/US/CPD Title: Method And Apparatus For Improving Memory Operation And Yield

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Prefiled Status 5059-P00018/04 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0133.C1C1

5059-000018/US/COC Title: Extension Mode For Wireless LANS Complying with Short Interframe Space Requirement

Client: Marvell Semiconductor Inc.



23-Jul-2008

5059-100086/EP/08

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9366 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Instruct Agent - Reg Fees App No.: 040232472 App Dt: 29-Sep-2004

Published

Due Date F-Registration Fees **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP07

5059-100086/EP/07 Title: Output Regulator

Client: Marvell Semiconductor Inc.

5059-P00086/07

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Instruct Agent - Reg Fees 5059-P00086/08 Published App No.: 040232498 App Dt: 29-Sep-2004 MDW

Due Date F-Registration Fees **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP08

Client: Marvell Semiconductor Inc.

Title: Output Regulator

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Final Offc Act-Due 2 Wks Final 5059-P00125A/01 Pending **App No.:** 10/754187 App Dt: 08-Jan-2004 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0400.I

5059-000125/US/CPA Title: Digital Low Dropout Regulator

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9367 of 9672

01-May-2008

31-Jul-2008

Attorney:

Water Metal

Due Date Action Due Indicator **Action Type**

Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

23-Jul-2008

Prefiled Status

5059-P00204/04

Unfiled

App No.:

App Dt:

Attorneys

Reminder

United States of America

Pat No.:

Iss Dt:

MDW

HDP Number:

5059-000204/US/COC

Client Reference: Client Ref. 1: MP0078.C3

Title: Quality Of Service Half-Duplex Media Access Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008

Issue Fee Due-Final

5059-P00235/01

United States of America

Pending

App No.: 10/902299

App Dt: 29-Jul-2004

Final

US-Notice of Allowance Rec'd

Pat No.:

Iss Dt:

MDW

HDP Number:

Client Reference: Client Ref. 1: MP0551

5059-000235/US

Title: Adaptive Wireless Network Multiple Access Techniques Using Traffic Flow

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008

Atty Cnfrm Calc Pat Term Adj?

5059-P00235/01

Pending

App No.: 10/902299

App Dt: 29-Jul-2004

MDW

Final

US-Notice of Allowance Rec'd

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0551

5059-000235/US

Title: Adaptive Wireless Network Multiple Access Techniques Using Traffic Flow

Client: Marvell Semiconductor Inc.

Action Due Remarks:



23-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9368 of 9672 01-May-2008 31-Jul-2008 Attorney:

Matter Number/Subcase **Due Date Action Due**

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Status

Drawing/Formality-3 Mo Final Pending App No.: 10/902299 App Dt: 29-Jul-2004 Final US-Notce Allowability-Drawings United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0551 HDP Number:

5059-000235/US Title: Adaptive Wireless Network Multiple Access Techniques Using Traffic Flow

5059-P00235/01

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00414/01 App No.: 10/336364 App Dt: 02-Jan-2003 Pending MDW

US-Notice of Allowance Rec'd Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0238 HDP Number:

5059-000414/US Title: Faceplate Including Wireless LAN Communications

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Issue Fee Due-Final 5059-P00414/01 Pending App No.: 10/336364 App Dt: 02-Jan-2003 MDW

Pat No.: Final US-Notice of Allowance Rec'd United States of America Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0238

5059-000414/US Title: Faceplate Including Wireless LAN Communications

Client: Marvell Semiconductor Inc.

Action Due Remarks:



23-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9369 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys App No.: 10/336364

App Dt: 02-Jan-2003

MDW

Final US-Notce Allowability-Drawings United States of America Pat No.: Iss Dt:

Pending

Client Reference: Client Ref. 1: MP0238 HDP Number:

Drawing/Formality-3 Mo Final

5059-000414/US Title: Faceplate Including Wireless LAN Communications

Client: Marvell Semiconductor Inc.

5059-P00414/01

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Rescind Non-Publication NEP 5059-P00476/02 Pending **App No.:** 11/656729 App Dt: 23-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0023.C1 HDP Number:

5059-000476/US/COA Title: Circuit And Method For Finding The Sampling Phase And Canceling Precursor Intersymbol Interference In A

Decision Feedback Equalized Receiver

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Rescind Non-Publication NEP 5059-P00565/02 23-Jul-2008 Pending **App No.:** 11/656576 App Dt: 23-Jan-2007

Final United States of America Pat No .: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0366.C1

5059-000565/US/COA Title: System And Method For Modifying Output Power Of An Information Communication System

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9370 of 9672 01-May-2008 31-Jul-2008

Attorney:

Water Metal

Due Date Action Due Indicator

Action Type

Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

23-Jul-2008

28 Mo National Stage Reminder

5059-P00688/01

Published

App No.: PCT/US2007/007160

App Dt: 22-Mar-2007

Reminder

Patent Cooperation Treaty

Pat No.:

Iss Dt:

MDW

HDP Number:

Client Reference: Client Ref. 1: MP1018.WO

5059-000688/WO/POD

Title: Cellular Phone With Integrated FM Radio And Remote Low Noise Amplifier

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008

Check if IPER received

5059-P00688/01

Published

App No.: PCT/US2007/007160

App Dt: 22-Mar-2007 MDW

Reminder

Patent Cooperation Treaty

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1018.WO

5059-000688/WO/POD

Title: Cellular Phone With Integrated FM Radio And Remote Low Noise Amplifier

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008

18 Mo Chap II Demand Reminder

5059-P01190/01

Pending

App No.: PCT/US2008/000842

App Dt: 23-Jan-2008 MDW

Reminder

Patent Cooperation Treaty

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1684.WO

5059-001190/WO/POA

Title: Mechanical Dithering In A Printing Mechanism

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9371 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

23-Jul-2008 English Translation (Prov App) 5059-P01255A/01 Pending **App No.:** 60/896605 **App Dt:** 23-Mar-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1745PR2

5059-001255/US/PS2 Title: NAND Flash Data Encoding To Reduce Cell Wear Out

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01298A/01 Pending App No.: 60/957573 App Dt: 23-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1789PR2

5059-001298/US/PS2 Title: IP Mobility Mechanism Selection For Multi-Mode Terminals With Tunneled IP Connectivity

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01298A/01 Pending **App No.**: 60/957573 **App Dt**: 23-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1789PR2

5059-001298/US/PS2 Title: IP Mobility Mechanism Selection For Multi-Mode Terminals With Tunneled IP Connectivity

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9372 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Wissiass Bicknet 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

23-Jul-2008 English Translation (Prov App) 5059-P01410/01 Pending **App No.:** 60/896606 **App Dt**: 23-Mar-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1855PR

5059-001410/US/PS1 Title: IP Mobility Mechanism Selection For Multi-Mode Terminals With Direct IP Connectivity

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Priority Document NEP 5059-P01410/01 Pending App No.: PCT/US2008/003805 App Dt: 21-Mar-2008 MDW

Final Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1855.WO

5059-001410/WO/POA Title: IP Mobility Mechanism Selection For Multi-Mode Terminals With Direct IP Connectivity

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01410B/01 Pending App No.: 60/957579 App Dt: 23-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1855PR3

5059-001410/US/PS3 Title: IP Mobility Mechanism Selection For Multi- Mode Terminals With Direct IP Connectivity

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9373 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 №0 Visibles Microsoft

Due DateAction DueMatter Number/SubcaseStatusIndicatorAction TypeCountry

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

23-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01410B/01 Pending *App No.*: 60/957579 *App Dt*: 23-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1855PR3

5059-001410/US/PS3 Title: IP Mobility Mechanism Selection For Multi- Mode Terminals With Direct IP Connectivity

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Prefiled Status 5059-P01551/02 Unfiled App No.: App Dt: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2052

5059-001551/US Title: Cycle Accurate Simulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Prefiled Status 5059-P01553/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2054

5059-001553/US Title: Multiple PDNs Support Over Trusted Access

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9374 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

App Dt: 23-Jul-2007

MDW

App No.: 60/951344 Final United States of America Pat No.: Iss Dt:

Pending

Client Reference: Client Ref. 1: MP2055PR HDP Number:

5059-001554/US/PS1 Title: USB Power Saving By Self-Idling USB Device Port

Client: Marvell Semiconductor Inc.

5059-P01554/01

Action Due Remarks:

Due Date Remarks:

Convert to Regular NEP

23-Jul-2008

23-Jul-2008 Foreign Filing Deadline NEP 5059-P01554/01 App No.: 60/951344 App Dt: 23-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2055PR HDP Number:

5059-001554/US/PS1 Title: USB Power Saving By Self-Idling USB Device Port

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Convert to Regular NEP 5059-P01555/01 Pending **App No.:** 60/951350 App Dt: 23-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2056PR

5059-001555/US/PS1 Title: Hybrid Approach For IEEE Power Save

Client: Marvell Semiconductor Inc.

Action Due Remarks:



23-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9375 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Foreign Filing Deadline NEP Pending App No.: 60/951350 App Dt: 23-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2056PR HDP Number:

5059-001555/US/PS1 Title: Hybrid Approach For IEEE Power Save

Client: Marvell Semiconductor Inc.

5059-P01555/01

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01619A/01 **App No.:** 60/957518 App Dt: 23-Aug-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2120PR HDP Number:

5059-001619/US/PS1 Title: Omni-Directional Beamforming With Multiple Narrow-Band Beams

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01619A/01 Pending App No.: 60/957518 App Dt: 23-Aug-2007 MDW

United States of America Pat No.: Reminder Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2120PR

5059-001619/US/PS1 Title: Omni-Directional Beamforming With Multiple Narrow-Band Beams

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9376 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

23-Jul-2008 Foreign Filing - 1 Mo Reminder Pending App No.: 60/957577 App Dt: 23-Aug-2007 United States of America Iss Dt: Reminder Pat No.:

Client Reference: Client Ref. 1: MP2121PR HDP Number:

5059-001620/US/PS1 Title: Program Pre-Compensation For Flash Memory

Client: Marvell Semiconductor Inc.

5059-P01620/01

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01620/01 App No.: 60/957577 App Dt: 23-Aug-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2121PR HDP Number:

5059-001620/US/PS1 Title: Program Pre-Compensation For Flash Memory

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Update Status 8540P-P00114/01 Unofficial App No.: 10/808977 App Dt: 25-Mar-2004 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-302861 HDP Number:

8540P-000114/US Title: Vehicle Website Audio/Video Communication Link

Client: General Motors Corporation

Action Due Remarks:



Update Status

23-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9377 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Menne D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys App No.: 11/243518

App Dt: 04-Oct-2005

MDW

United States of America Reminder Pat No.: Iss Dt:

Pending

Client Reference: Client Ref. 1: GP-303191 HDP Number:

8540P-000333/US Title: EMAC - Engine Motion Active Control

Client: General Motors Corporation

8540P-P00333/01

Action Due Remarks: Due Date Remarks:

23-Jul-2008 Update Status 8540P-P00393A/01 Unofficial App No.: 11/656928 App Dt: 23-Jan-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-307810 HDP Number:

8540P-000393/US Title: Method For Controlling LNT Regeneration

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

23-Jul-2008 Update Status 8540P-P00427/01 Unofficial App No.: 11/656927 App Dt: 23-Jan-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-307815

8540P-000427/US Title: Commanded Clutch Diagnostics In A Hybrid Vehicle

Client: General Motors Corporation



23-Jul-2008

Due Date Action Due Matter Number/Subcase Status
Indicator Action Type Country

8540P-P00493/01 Unofficial *App No.*: 60/919951 *App Dt*: 23-Mar-2007 MDW

Bibliographic Numbers & Dates

Attorneys

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309216

8540P-000493/US/PS1 Title: DSP/FFT Knock System Utilizing Seperate Detection Zones

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

English Translation (Prov App)

23-Jul-2008 English Translation (Prov App) 8540P-P00504/01 Unofficial **App No.:** 60/919954 **App Dt:** 23-Mar-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309270

8540P-000504/US/PS1 Title: Pneumatic Accelerator Pedal Actuator

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

23-Jul-2008 English Translation (Prov App) 8540P-P00511/01 Unofficial App No.: 60/919955 App Dt: 23-Mar-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000037

8540P-000511/US/PS1 Title: Crank Position Correction Using Cylinder Pressure

Client: General Motors Corporation



 Priday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9379 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Missians, Michael D

Due DateAction DueMatter Number/SubcaseStatusIndicatorAction TypeCountry

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

23-Jul-2008 Convert to Reglr-6 Mo Reminder 8540P-P00575A/01 Pending *App No.*: 61/022934 *App Dt*: 23-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000888

8540P-000575/US/PS1 Title: Engine Vacuum Enhancement In An Internal Combustion Engine

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Update Status 8540P-P00575A/01 Pending App No.: 61/022934 App Dt: 23-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000888

8540P-000575/US/PS1 Title: Engine Vacuum Enhancement In An Internal Combustion Engine

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Reminder - Foreign Filing 8540P-P00575A/01 Pending App No.: 61/022934 App Dt: 23-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000888

8540P-000575/US/PS1 Title: Engine Vacuum Enhancement In An Internal Combustion Engine

Client: General Motors Corporation

Action Due Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

23-Jul-2008 Foreign Filing Reminder 8540P-P00607/02 Unofficial **App No.**: 12/018437 **App Dt**: 23-Jan-2008 MDW

Reminder Foreign Filing United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001273

8540P-000607/US Title: Dual Injection For Improvement Emission Start In SIDI Engines

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Priority document filed? 8540P-P00623/02 Unofficial App No.: 12/107854 App Dt: 23-Apr-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

8540P-000623/US Title: Computation Of Mass Air Flow Sensor Signal In Timer Processing Unit Of Engine Control Module

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

23-Jul-2008 Corrected App paper-1st ext 8540P-P00729/01 Pending App No.: 12/062938 App Dt: 04-Apr-2008 MDW

Due Date US-Corrected Application Paper United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004069

8540P-000729/US Title: Valvetrain Control Systems For Internal Combustion Engines With Time And Event Based Control

Client: General Motors Corporation

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9381 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missing, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

24-Jul-2008 Final Offic Act-Appeal Due 5059-P00005/01 Pending **App No.**: 09/991284 **App Dt**: 21-Nov-2001 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0082PR

5059-000005/US Title: Autonegotiation Between 1000BASE-X and 1000BASE-T

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Final Offic Act- Response Due 5059-P00005/01 Pending **App No.**: 09/991284 **App Dt**: 21-Nov-2001 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0082PR

5059-000005/US Title: Autonegotiation Between 1000BASE-X and 1000BASE-T

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Missing Parts-2nd Ext 5059-P00045/05 Pending **App No.**: 12/074557 **App Dt**: 04-Mar-2008 MDW

Due Date US-Missing Parts United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0224.IC1

5059-000045/US/COF Title: Self-Reparable Semiconductor And Method Thereof

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 31-Jul-2008

01-May-2008

Attorney: Water Steel

24-Jul-2008

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

3 Mo Offc Act-1st Ext 5059-P00110/04 Pending **App No.:** 11/975975 App Dt: 23-Oct-2007 MDW

Page: 9382 of 9672

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0425.C1

5059-000110/US/COC Title: Electrostatic Discharge Protection Circuit For Preamps Connected To Magneto-Resistive Read Elements

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Final Offc Act-1st Ext 24-Jul-2008 5059-P00123/03 **Published** App No.: 11/328979 App Dt: 10-Jan-2006 MDW

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0199.I2 HDP Number:

5059-000123/US/CPB Title: Crystal Oscillator Emulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Final Offc Act-1st Appeal Ext 5059-P00123/03 Published App No.: 11/328979 App Dt: 10-Jan-2006 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0199.I2

5059-000123/US/CPB Title: Crystal Oscillator Emulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9383 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missing, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

ator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

24-Jul-2008 Registration Fees - 2 weeks 5059-P00223/02 Published **App No.**: 060063088 **App Dt**: 27-Mar-2006

Reminder F-Registration Fees European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0627EP01

5059-100223/EP/01 Title: Control System For Fluorescent Light Fixture

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Translation Due - 2 wks 5059-P00223/02 Published **App No.**: 060063088 **App Dt**: 27-Mar-2006 MDW

Reminder F-Translation European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0627EP01

5059-100223/EP/01 Title: Control System For Fluorescent Light Fixture

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Instructions to Agent 5059-P00299/02 Pending *App No.*: 2006036768 *App Dt*: 05-Jun-2006 MDW

Due Date F-Office Action Singapore Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0675SG01

5059-100299/SG/01 Title: Wireless Local Area Network Communications Module And Integrated Chip Package

Client: Marvell Semiconductor Inc.



24-Jul-2008

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 2006036768

App Dt: 05-Jun-2006

MDW

Due Date F-Office Action Singapore Pat No.: Iss Dt:

Pending

HDP Number: Client Reference: Client Ref. 1: MP0675SG01

Office Action Due - 1 month

5059-100299/SG/01 Title: Wireless Local Area Network Communications Module And Integrated Chip Package

Client: Marvell Semiconductor Inc.

5059-P00299/02

Action Due Remarks: Due Date Remarks:

24-Jul-2008 Update Status 5059-P00368/02 Published **App No.**: 11/367638 **App Dt**: 03-Mar-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0819

5059-000368/US Title: High Voltage High Side Transistor Driver

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

24-Jul-2008 Update Status 5059-P00428/01 Pending **App No.**: 10/384991 **App Dt**: 10-Mar-2003 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0782

5059-000428/US Title: Interrupt Controller For Processing Fast And Regular Interrupts

Client: Marvell Semiconductor Inc.



24-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9385 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 11/523329

App Dt: 19-Sep-2006

MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Pending

HDP Number: Client Reference: Client Ref. 1: MP0039.C1D2

3 Mo Offc Act-Response Due

5059-000486/US/DVD Title: Active Resistive Summer For A Transformer Hybrid

Client: Marvell Semiconductor Inc.

5059-P00486/05

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 3 Mo Offic Act-Response Due 5059-P00575/01 Pending **App No.**: 10/934526 **App Dt**: 07-Sep-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0544; Client Ref. 2: 213200.00119

5059-000575/US Title: System And Method For Estimating Bandwidth Requirements Of And Allocating Bandwidth To Communication

Devices Operating In A Network

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Rescind Non-Publication NEP 5059-P00709/02 Pending **App No.**: 11/657492 **App Dt**: 24-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1058

5059-000709/US *Title*: Rate-28/30 DC-Free RLL Code

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

24-Jul-2008 Update Status 5059-P00715/02 Pending **App No.:** 11/789334 **App Dt:** 24-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1065

5059-000715/US Title: Parity Insertion For Inner Architecture

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Update Status 5059-P00730/02 Pending **App No.**: 11/789196 **App Dt**: 24-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1098

5059-000730/US Title: Scrambling System For High Resolution Digital-To-Analog Converter

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Update Status 5059-P00739/02 Pending **App No.**: 11/789170 **App Dt**: 24-Apr-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1139

5059-000739/US Title: Dual Stage Source/Sink Amplifier Circuit With Quiescent Currect Determination

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 24-Jul-2008 7 Year Maint Fee Window Open 5059-P01068/01 Granted App No.: 09/055039 App Dt: 03-Apr-1998 MDW Iss Dt: 24-Jul-2001 Due Date United States of America Pat No.: 6266766

HDP Number: Client Reference: Client Ref. 1: MP1524

5059-001068/US Title: Method And Apparatus For Increasing Throughput When Accessing Registers By Using Multi-Bit Scorebarding

With A By-Pass Control

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

24-Jul-2008 Update Status 5059-P01186/02 Pending **App No.**: 12/018933 **App Dt**: 24-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1679

5059-001186/US Title: Programmable Notch Filter

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 18 Mo Chap II Demand Reminder 5059-P01186/01 Unofficial App No.: PCT/US2008/000903 App Dt: 24-Jan-2008 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number:Client Reference:Client Ref. 1: MP1679.WO5059-001186/WO/POATitle:Programmable Notch Filter

Client: Marvell Semiconductor Inc.



Action Due

Due Date

24-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9388 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Status

Indicator Action Type Country

Pending *App No.*: 60/957892

App Dt: 24-Aug-2007 MDW

Attorneys

Bibliographic Numbers & Dates

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1976PR2

Foreign Filing - 1 Mo Reminder

5059-001479/US/PS2 **Title:** Interleaver Proposal For RED HOT/HUGE

Client: Marvell Semiconductor Inc.

5059-P01479A/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Convert to RegIr-1 Mo Reminder 5059-P01479A/01 Pending **App No.**: 60/957892 **App Dt**: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1976PR2

5059-001479/US/PS2 Title: Interleaver Proposal For RED HOT/HUGE

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01621A/01 Pending App No.: 60/957743 App Dt: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2122PR

5059-001621/US/PS1 *Title:* Location-Based Advertising

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Action Type

Due Date

Indicator

24-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9389 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: MOVE
 Winsding, Microsel D

Status

.....

5059-P01621A/01 Pending *App No.*: 60/957743 *App Dt*: 24-Aug-2007

Bibliographic Numbers & Dates

Attorneys

MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2122PR

Convert to Reglr-1 Mo Reminder

5059-001621/US/PS1 Title: Location-Based Advertising

Client: Marvell Semiconductor Inc.

Matter Number/Subcase

Country

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01622/01 Pending *App No.*: 60/957885 *App Dt*: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2123PR

5059-001622/US/PS1 Title: Camera Sensor Usage As Luminance Meter For Power Saving In Mobile Portable Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01622/01 Pending App No.: 60/957885 App Dt: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2123PR

5059-001622/US/PS1 Title: Camera Sensor Usage As Luminance Meter For Power Saving In Mobile Portable Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9390 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Wissing, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

24-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01623/01 Pending **App No.**: 60/957898 **App Dt**: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2124PR

5059-001623/US/PS1 Title: Multi Standard Communication Devices Timing Synch

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01623/01 Pending **App No.**: 60/957898 **App Dt**: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2124PR

5059-001623/US/PS1 Title: Multi Standard Communication Devices Timing Synch

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01624/01 Pending **App No.**: 60/957912 **App Dt**: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2125PR

5059-001624/US/PS1 Title: Method Of Measuring GSM Events By UMTS (WCDMA) Time Units

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9391 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOVE: Windless Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

24-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01624/01 Pending **App No.:** 60/957912 **App Dt:** 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2125PR

5059-001624/US/PS1 Title: Method Of Measuring GSM Events By UMTS (WCDMA) Time Units

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01625/01 Pending *App No.*: 60/957924 *App Dt*: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2126PR

5059-001625/US/PS1 Title: Multi Standard Communication Devices Timing Measurements Method

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01625/01 Pending **App No.**: 60/957924 **App Dt**: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2126PR

5059-001625/US/PS1 Title: Multi Standard Communication Devices Timing Measurements Method

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Update Status

24-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9392 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

App No.: 61/023274

Bibliographic Numbers & Dates

App Dt: 24-Jan-2008

Attorneys

MDW

United States of America Reminder Pat No.: Iss Dt:

Pending

HDP Number: Client Reference: Client Ref. 1: MP2407PR

5059-001876/US/PS1 Title: Automated LVT, HVT, and SVT Cell And Device Swapping Flow

Client: Marvell Semiconductor Inc.

5059-P01876A/01

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Reminder - Foreign Filing 5059-P01876A/01 App No.: 61/023274 App Dt: 24-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2407PR HDP Number:

5059-001876/US/PS1 Title: Automated LVT, HVT, and SVT Cell And Device Swapping Flow

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01876A/01 Pending App No.: 61/023274 App Dt: 24-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2407PR

5059-001876/US/PS1 Title: Automated LVT, HVT, and SVT Cell And Device Swapping Flow

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9393 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 24-Jul-2008
 Update Status
 5059-P01877A/01
 Pending
 App No.: 61/023284
 App Dt: 24-Jan-2008

 Reminder
 United States of America
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2408PR

5059-001877/US/PS1 Title: A Method For DC Offset Removal In OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01877A/01 Pending **App No.**: 61/023284 **App Dt**: 24-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2408PR

5059-001877/US/PS1 Title: A Method For DC Offset Removal In OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Reminder - Foreign Filing 5059-P01877A/01 Pending **App No.**: 61/023284 **App Dt**: 24-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2408PR

5059-001877/US/PS1 Title: A Method For DC Offset Removal In OFDM Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02: 2008
 Due Date List (by Attorney)
 Page: 9394 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windless Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

24-Jul-2008 Update Status 5059-P01878A/01 Unofficial **App No.**: 61/023289 **App Dt**: 24-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2409PR

5059-001878/US/PS1 Title: Bluetooth WiFi Coexistence Scheme

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01878A/01 Unofficial **App No.**: 61/023289 **App Dt**: 24-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2409PR

5059-001878/US/PS1 Title: Bluetooth WiFi Coexistence Scheme

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Reminder - Foreign Filing 5059-P01878A/01 Unofficial **App No.**: 61/023289 **App Dt**: 24-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2409PR

5059-001878/US/PS1 Title: Bluetooth WiFi Coexistence Scheme

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney, was an armony and armony

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

cator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

24-Jul-2008 Foreign Filing Due 5059-P01902/02 Pending *App No.*: 11/782422 *App Dt*: 24-Jul-2007

Final Foreign Filing United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2432

5059-001902/US *Title*: Active Phone Book Enhancements

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Filed English translation? 5059-P01975/01 Pending **App No.**: 61/038905 **App Dt**: 24-Mar-2008 MDW

Due Date US-English Translation Filed United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2511PR

5059-001975/US/PS1 Title: Code For Synchronization And Random Error Correction

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Update Status 8540P-P00059/01 Published **App No.**: 10/766155 **App Dt**: 28-Jan-2004 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-301772

8540P-000059/US Title: Combination Of Cylinder Deactivation With Flywheel Starter G enerator

Client: General Motors Corporation

Action Due Remarks:



Attorney.

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

24-Jul-2008 Final Offic Act-1st Ext 8540P-P00234/01 Pending App No.: 11/026345 App Dt: 30-Dec-2004

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-304944

8540P-000234/US Title: Control System To Minimize White Smoke Using Variable Nozzle Turbo

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Due Date Remarks:

24-Jul-2008 Final Offic Act-1st Appeal Ext 8540P-P00234/01 Pending *App No.*: 11/026345 *App Dt*: 30-Dec-2004 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-304944

8540P-000234/US Title: Control System To Minimize White Smoke Using Variable Nozzle Turbo

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Due Date Remarks:

24-Jul-2008 Update Status 8540P-P00256/01 Unofficial **App No.**: 11/211177 **App Dt**: 24-Aug-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-305801

8540P-000256/US Title: Anti-Busyness Fuel-Cut Control System For Hybrid And Conventional Powertrains

Client: General Motors Corporation



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9397 of 9672 01-May-2008 31-Jul-2008 Water Metal

Attorney:

HDP Number:

Matter Number/Subcase **Due Date Action Due** Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

24-Jul-2008 3 Mo Offc Act-1st Ext 8540P-P00296/02 Pending App No.: 11/706137 App Dt: 13-Feb-2007 Iss Dt:

Due Date US-3 Month Office Action United States of America Pat No.: Client Reference: Client Ref. 1: GP-305828

8540P-000296/US Title: Application Of Teflon, Or Teflon Based Material, To An Egrhe at Exchanger To Reduce Fouling

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Due Date Remarks:

24-Jul-2008 8540P-P00369/01 Update Status Unofficial App No.: 60/763483 App Dt: 30-Jan-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-307983

8540P-000369/US Title: Distributed On-Board Diagnostic System

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

24-Jul-2008 Application Status Check 8540P-P00410/01 Pending App Dt: 24-Jan-2007 MDW App No.: 11/626488

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308576

8540P-000410/US Title: Fuel Economy Telltale Control System

Client: General Motors Corporation



 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

MDW

24-Jul-2008 Application Status Check 8540P-P00445/01 Unofficial **App No.**: 11/626579 **App Dt**: 24-Jan-2007

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308655

8540P-000445/US Title: Air Filter Restriction Monitoring Without Pre-Throttle Pressure Sensors

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00497/01 Unofficial **App No.**: 60/957820 **App Dt**: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-305934

8540P-000497/US Title: A New Method For Turbo Speed Sensor Diagnostics

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00497/01 Unofficial **App No.**: 60/957820 **App Dt**: 24-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-305934

8540P-000497/US *Title:* A New Method For Turbo Speed Sensor Diagnostics

Client: General Motors Corporation

Action Due Remarks:



Due Date

Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

24-Jul-2008 Corrected App paper-1st ext 8540P-P00525/02 Pending **App No.**: 12/062920 **App Dt**: 04-Apr-2008 MDW

Due Date US-Corrected Application Paper United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309240-PTE-CD

8540P-000525/US Title: Method To Synchronize And Control Valvetrain Lift Solenoids

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

24-Jul-2008 Corrected App paper-1st ext 8540P-P00728/01 Pending App No.: 12/062918 App Dt: 04-Apr-2008 MDW

Due Date US-Corrected Application Paper United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P004068

8540P-000728/US Title: Valvetrain Control Systems For Internal Combustion Engines With Multiple Intake And Exhaust Timing Based Lift

Modes

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 3 Mo Offic Act-Response Due 5059-P00045/03 Published **App No.**: 11/594537 **App Dt**: 08-Nov-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0224.D2

5059-000045/US/DVD Title: Self-Reparable Semiconductor And Method Thereof

Client: Marvell Semiconductor Inc.



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9400 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: № Wiscours Rilenses D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates Attorneys** 25-Jul-2008 Update Status 5059-P00081/06 **Published** App No.: 11/586471 App Dt: 25-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0320.al1c

5059-000081/US/COE Title: Efficient Transistor Structure

Client: Maryell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Update Status 5059-P00081/05 Published **App No.**: 11/586470 **App Dt**: 25-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0320.al1b

5059-000081/US/COD *Title:* Efficient Transistor Structure

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Final Offic Act-1st Appeal Ext 5059-P00089/04 Published **App No.**: 11/274360 **App Dt**: 15-Nov-2005 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0388.C1

5059-000089/US/COC Title: Power Inductor With Reduced DC Current Saturation

Client: Marvell Semiconductor Inc.



e Action Due Matter Number/Subcase

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

MDW

25-Jul-2008 Final Offic Act-1st Ext 5059-P00089/04 Published **App No.:** 11/274360 **App Dt:** 15-Nov-2005

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0388.C1

5059-000089/US/COC Title: Power Inductor With Reduced DC Current Saturation

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00117/01 Unofficial App No.: 10/896727 App Dt: 22-Jul-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0437

5059-000117/US *Title:* Multiport PHY

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00154/01 Published **App No.**: 10/846717 **App Dt**: 13-May-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0481

5059-000154/US Title: Voltage Regulator Feedback Protection Method And Apparatus

Client: Marvell Semiconductor Inc.



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9402 of 9672 01-May-2008 31-Jul-2008

Attorney:

Wiccian Michael ()

Indicator **Action Type**

Action Due Matter Number/Subcase Status Country

Pending

App No.: 11/710362

App Dt: 23-Feb-2007 MDW

Attorneys

25-Jul-2008 Final

Due Date

Drawing/Formality-3 Mo Final US-Notce Allowability-Drawings

United States of America

5059-P00158/02

Pat No.:

Iss Dt:

Bibliographic Numbers & Dates

HDP Number:

Client Reference: Client Ref. 1: MP0497.C1

5059-000158/US/COA

Title: Level Shifter With Boost And Attenuation Programming

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Atty Cnfrm Calc Pat Term Adj? 5059-P00158/02

Pending

App No.: 11/710362

App Dt: 23-Feb-2007 MDW

Final

US-Notice of Allowance Rec'd

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0497.C1

5059-000158/US/COA

Title: Level Shifter With Boost And Attenuation Programming

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008

Issue Fee Due-Final

5059-P00158/02

Pending

App No.: 11/710362

App Dt: 23-Feb-2007

MDW

Final

US-Notice of Allowance Rec'd

United States of America

Pat No.: Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0497.C1

5059-000158/US/COA

Title: Level Shifter With Boost And Attenuation Programming

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9403 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEGROUS Menses D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

25-Jul-2008 3 Mo Offic Act-Response Due 5059-P00175/04 Pending **App No.**: 11/130995 **App Dt**: 17-May-2005

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0209.I1C1

5059-000175/US/COC Title: Apparatus And Method For Testing And Debugging An Integrated Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 3 Mo Offic Act-Response Due 5059-P00211/02 Pending App No.: 11/056753 App Dt: 11-Feb-2005 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0602

5059-000211/US Title: Integrated Circuit For Network Delay And Jitter Testing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Demand Due from Transmittal 5059-P00236B/01 Pending App No.: PCT/US2007/018643 App Dt: 23-Aug-2007 MDW

Final WO-Demand Due (Transmittal Dt) Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0657.1111.WO

5059-000236/WO/POJ Title: GPS-Based Traffic Monitoring System

Client; Marvell Semiconductor Inc.

Action Due Remarks:



25-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9404 of 9672 01-May-2008 31-Jul-2008 Attorney: Wiccian Michael ()

Due Date Matter Number/Subcase **Action Due** Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Pending App No.: 2006036842 App Dt: 05-Jun-2006 Due Date F-Office Action Iss Dt:

Singapore Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP0675SG

Office Action Due - 1 month

5059-100299/SG Title: Wireless Local Area Network Communications Module And Integrated Chip Package

Client: Marvell Semiconductor Inc.

5059-P00299/01

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Instructions to Agent 5059-P00299/01 App No.: 2006036842 App Dt: 05-Jun-2006 MDW Pending

Due Date F-Office Action Pat No.: Iss Dt: Singapore

HDP Number: Client Reference: Client Ref. 1: MP0675SG

5059-100299/SG Title: Wireless Local Area Network Communications Module And Integrated Chip Package

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 3 Mo OA (1st) + 3 (NEP) 5059-P00549/01 Pending App No.: 10/391129 App Dt: 17-Mar-2003 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0201; Client Ref. 2: 213200.00166

5059-000549/US Title: Efficient Remainder Calculation For Even Divisors

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

25-Jul-2008 Update Status 5059-P00640/02 Pending **App No.:** 11/586299 **App Dt:** 25-Oct-2006

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0953

5059-000640/US Title: System And Method For DRAM Bank Assignment

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00658/01 Pending App No.: 11/364539 App Dt: 27-Feb-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0818

5059-000658/US *Title:* File Sharing

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Prefiled Status 5059-P00820/02 Unfiled **App No.**: **App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1204

5059-000820/US Title: Improving Iterative Decoding In The Presence Of Burst Errors

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9406 of 9672 01-May-2008 31-Jul-2008

Attorney:

Prefiled Status

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Unfiled

Bibliographic Numbers & Dates Attorneys

MDW

25-Jul-2008 App No.: App Dt: United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1202 HDP Number:

5059-000821/US Title: Concatenation-Assisted Symbol-Level Combining For MIMO Systems With HARQ And/Or Repetition Coding

Client: Marvell Semiconductor Inc.

5059-P00821A/03

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Update Status

5059-P00838/02

Pending

App No.: 11/789605

Pat No.:

App Dt: 25-Apr-2007 MDW

Iss Dt:

Reminder United States of America

HDP Number:

Client Reference: Client Ref. 1: MP1220

5059-000838/US

Title: Systems And Methods For Processing Streaming Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Update Status

5059-P01050/02

Pending

App No.: 11/588978

App Dt: 27-Oct-2006

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP1441.C1

5059-001050/US/COA

Title: Method And Apparatus To Perform Memory Management

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Prefiled Status

25-Jul-2008

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9407 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

App No.:

App Dt:

MDW

Reminder United States of America Pat No.: Iss Dt:

Unfiled

HDP Number: Client Reference: Client Ref. 1: MP2055

5059-001554/US Title: USB Power Saving By Self-Idling USB Device Port

Client: Marvell Semiconductor Inc.

5059-P01554/02

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Prefiled Status 5059-P01555/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2056

5059-001555/US Title: Hybrid Approach For IEEE Power Save

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Foreign Filing Deadline NEP 5059-P01557/01 Pending App No.: 60/951841 App Dt: 25-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2058PR

5059-001557/US/PS1 Title: Synchronization Codes For Cellular Communication

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

Due Date netitarks.



25-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9408 of 9572

 81-May-2008
 To
 31-Jul-2008

 Attorney:
 MBW Mindals Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 60/951841

App Dt: 25-Jul-2007

MDW

Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2058PR

Convert to Regular NEP

5059-001557/US/PS1 Title: Synchronization Codes For Cellular Communication

Client: Marvell Semiconductor Inc.

5059-P01557/01

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 3 Mo Offic Act-2nd Ext 8540P-P00282/01 Unofficial App No.: 11/560986 App Dt: 17-Nov-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-305892

8540P-000282/US Title: Purge Valve System Performance Algorithm

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Foreign Filing--10 Mo Reminder 8540P-P00360A/01 Unofficial App No.: 11/860944 App Dt: 25-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-307259

8540P-000360/US Title: Hamming Code Applied To IMS Diagnostics

Client: General Motors Corporation



25-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9409 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Reminder - Foreign Filing Pending App No.: 12/019921 App Dt: 25-Jan-2008 United States of America Pat No.: Iss Dt: Reminder

Client Reference: Client Ref. 1: GP-308405-US-NP/PTE/CD HDP Number:

8540P-000544/US Title: RPM To Torque Transition Control

Client: General Motors Corporation

8540P-P00544/01

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Update Status 8540P-P00544/01 App No.: 12/019921 App Dt: 25-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308405-US-NP/PTE/CD

8540P-000544/US Title: RPM To Torque Transition Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

25-Jul-2008 Information Disclosure Stmnt 8540P-P00587/02 Unofficial App No.: 12/109716 App Dt: 25-Apr-2008 MDW

Due Date United States of America Pat No.: Iss Dt:

HDP Number: Client Reference:

8540P-000587/US Title: Thermal Detection And Protection Of Vehicle Hardware

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9410 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Attorneys

MDW

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates**

Unofficial

Priority document filed? App No.: 12/109716 App Dt: 25-Apr-2008 Reminder United States of America Iss Dt: Pat No.:

HDP Number: Client Reference:

25-Jul-2008

8540P-000587/US Title: Thermal Detection And Protection Of Vehicle Hardware

Client: General Motors Corporation

8540P-P00587/02

Action Due Remarks: Due Date Remarks:

25-Jul-2008 Reminder - Foreign Filing 8540P-P00660/02 App No.: 12/019980 App Dt: 25-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002554

8540P-000660/US Title: Face Crack Reduction Strategy

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

25-Jul-2008 Update Status 8540P-P00660/02 Pending App No.: 12/019980 App Dt: 25-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002554 HDP Number:

8540P-000660/US Title: Face Crack Reduction Strategy

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9411 of 9672

01-May-2008

31-Jul-2008

Attorney:

Water Medical D

Due Date Action Due Indicator **Action Type** Matter Number/Subcase

Status

Bibliographic Numbers & Dates

Attorneys

26-Jul-2008

Missing Parts-2nd Ext

5059-P00062/04

Country

Pending

App No.: 12/075306

App Dt: 10-Mar-2008

MDW

Due Date

US-Missing Parts

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0290.C1

5059-000062/US/COD

Title: Multi-Speed Serial Interface For Media Access Control And Physical Layer Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

26-Jul-2008

Final Offc Act-1st Ext

5059-P00114/01

Unofficial

App No.: 10/792194

App Dt: 03-Mar-2004

Due Date

US-Final Office Action

United States of America

Pat No.:

Iss Dt:

MDW

MDW

HDP Number:

Client Reference: Client Ref. 1: MP0431

5059-000114/US

Title: Adaptive Signal Tuning For HD Radio Receivers Operating In the FM Bands

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

26-Jul-2008

Final Offc Act-1st Appeal Ext

5059-P00114/01

Unofficial

App No.: 10/792194

App Dt: 03-Mar-2004

Due Date

US-Final Office Action

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP0431

5059-000114/US

Title: Adaptive Signal Tuning For HD Radio Receivers Operating In the FM Bands

Client: Marvell Semiconductor Inc.

Action Due Remarks:



26-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9412 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Ministration of MOW Ministration of Modern (MOW)

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

App No.: 2006100648927

App Dt: 20-Mar-2006

MDW

MDW

Published

Final F-File Voluntary Amendment China (Peoples Republic) Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0607.C1

File Voluntary Amendment

5059-100202/CN/01 Title: Network System For Distributing Protected Content

Client: Marvell Semiconductor Inc.

5059-P00202A/01

Action Due Remarks: Due Date Remarks:

26-Jul-2008 Update Status 5059-P00274/02 Pending **App No.**: 11/411616 **App Dt**: 26-Apr-2006

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0869

5059-000274/US *Title:* Flexible Port Rate Limiting

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

26-Jul-2008 3 Mo Offic Act-Due 2 Wks Final 5059-P00507A/05 Pending **App No.**: 10/692644 **App Dt**: 24-Oct-2003 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0062.15;Client Ref. 2: 213200.00184

5059-000507/US/CPE Title: Apparatus Method, And Computer Program Product For Recording And Reproducing Digital Data

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9413 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Published

26-Jul-2008 Update Status **App No.:** 11/493473 App Dt: 26-Jul-2006 United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0872

5059-000593/US Title: Detection And Estimation Of Radio Frequency Variations

Client: Marvell Semiconductor Inc.

5059-P00593/02

Action Due Remarks:

Due Date Remarks:

26-Jul-2008 Update Status 5059-P00740/02 Published App No.: 11/493349 App Dt: 26-Jul-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0754 HDP Number:

5059-000740/US Title: Packet Tunneling For Wireless Clients Using Maximum Transmission Unit Reduction

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

26-Jul-2008 Request for Rectification 5059-P00922/01 Published App No.: PCT/US2007/012402 App Dt: 24-May-2007 MDW

Due Date Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1116.WO

5059-000922/WO/POA Title: Wireless System-In-Package And Image Processing Control Apparatus

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9414 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

26-Jul-2008 Update Status 5059-P01014/01 Pending **App No.:** 11/586860 **App Dt:** 26-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0959

5059-001014/US Title: Secure Video Distribution

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

26-Jul-2008 3 Mo Offic Act-2nd Ext 5059-P01052A/01 Pending **App No.**: 11/470662 **App Dt**: 07-Sep-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1450.IC1

5059-001052/US/COD Title: Wireless Communication Device And Method For Communicating In Site Selection Diversity

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

26-Jul-2008 Priority Document NEP 5059-P01317/01 Pending **App No.**: PCT/IB2008/000711 **App Dt**: 26-Mar-2008 MDW

Final Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1809.WO

5059-001317/WO/POA Title: GERAN Evolution-Signaling Failed Headers

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9415 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Wissiass, Bicknet 0

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

26-Jul-2008 Foreign Filing Deadline NEP 5059-P01556/01 Pending *App No.*: 60/952067 *App Dt*: 26-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2057PR

5059-001556/US/PS1 Title: Long Latency Protocol For HDC-RDC Interface In SOC Mode

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

26-Jul-2008 Convert to Regular NEP 5059-P01556/01 Pending **App No.:** 60/952067 **App Dt**: 26-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2057PR

5059-001556/US/PS1 Title: Long Latency Protocol For HDC-RDC Interface In SOC Mode

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

26-Jul-2008 Update Status 8540P-P00143/01 Unofficial **App No.**: 10/781276 **App Dt**: 18-Feb-2004 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-303616

8540P-000143/US Title: Method For Obtaining Axle Torque Driveability With An Engine Torque-Based System

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9416 of 9672

01-May-2008

31-Jul-2008

Attorney:

Water Metal

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

26-Jul-2008

Update Status

8540P-P00314/01

Unofficial

App No.: 60/676608

Pat No.:

App Dt: 29-Apr-2005

Iss Dt:

MDW

Reminder HDP Number: United States of America

Client Reference: Client Ref. 1: GP-306813

8540P-000314/US/PS1

Title: Utilization Function For Fuel Dynamics Compensation During Engine Start And Crank-To-Run Transition

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

26-Jul-2008

Update Status

8540P-P00315/01

United States of America

Unofficial

App No.: 60/676606

Pat No.:

App Dt: 29-Apr-2005

Iss Dt:

MDW

Reminder HDP Number:

Client Reference: Client Ref. 1: GP-306814

8540P-000315/US/PS1

Title: Model-Based Fuel Control For Engine Start And Crank-To-Run Transition

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

26-Jul-2008

Foreign Filing Deadline NEP

8540P-P00447/01

Unofficial

App No.: 60/962045

Pat No.:

App Dt: 26-Jul-2007

Iss Dt:

MDW

Final HDP Number: United States of America

Client Reference: Client Ref. 1: GP-308700

8540P-000447/US/PS1

Title: Valvetrain Drive Stretch Compensation For Camshaft To Crankshaft Correlation

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9417 of 9672 01-May-2008 31-Jul-2008

Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

26-Jul-2008 Foreign Filing Deadline NEP 8540P-P00447/02 Pending App No.: 11/940693 App Dt: 15-Nov-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-308700 HDP Number:

8540P-000447/US Title: Valvetrain Drive Stretch Compensation For Camshaft To Crankshaft Correlation

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

26-Jul-2008 Convert to Regular NEP 8540P-P00447/01 Unofficial **App No.:** 60/962045 App Dt: 26-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: GP-308700 HDP Number:

8540P-000447/US/PS1 Title: Valvetrain Drive Stretch Compensation For Camshaft To Crankshaft Correlation

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

26-Jul-2008 English Translation (Prov App) 8540P-P00541/01 App No.: 60/919995 App Dt: 26-Mar-2007 MDW Pending

United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P000658

8540P-000541/US/PS1 Title: Method To Have Full Range Torque Reduction With Spark Retard Using Throttle Trim

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9418 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 NEGROUS Menses D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

27-Jul-2008 3 Mo Offic Act-Due 2 Wks Final 5059-P00080/02 Unofficial **App No.**: 11/386276 **App Dt**: 22-Mar-2006

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0319.D1

5059-000080/US/DVA *Title*: Interconnect Structure For Power Transistors

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 3 Mo Offic Act-1st Ext 5059-P00179/01 Pending **App No.**: 10/962376 **App Dt**: 08-Oct-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0548

5059-000179/US Title: Self-Adaptive Transmit Power Control For Wireless Network

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Final Offic Act-Due 2 Wks Final 5059-P00410/01 Pending *App No.*: 10/358713 *App Dt*: 04-Feb-2003 MDW

Due Date US-Final Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0184

5059-000410/US Title: Switch Failover For Aggregated Data Communication Links

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9419 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

27-Jul-2008 Update Status Pending **App No.:** 11/811513 App Dt: 11-Jun-2007 United States of America Reminder Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0134.C1 HDP Number:

5059-000536/US/COB Title: Decoding Method And Apparatus

Client: Marvell Semiconductor Inc.

5059-P00536/03

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00559/01 App No.: 10/701626 App Dt: 06-Nov-2003 Pending MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0329; Client Ref. 2: 213200.00089 HDP Number:

5059-000559/US Title: Transceiver System Including Dual Low-Noise Amplifiers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Prefiled Status 5059-P00822/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1205

5059-000822/US Title: Bit-Level Combining For Mimo Systems With HARQ And/Or Repetition Coding

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02: 2008
 Due Date List (by Attorney)
 Page: 9420 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windles Michael D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 27-Jul-2008 Prefiled Status 5059-P00823/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1206

5059-000823/US Title: Symbol-Level Combining For MIMO Systems With Harq And/Or Repetition Coding

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Prefiled Status 5059-P00824/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1207

5059-000824/US Title: Group Code Synchronization Using Block Reception Grade

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Prefiled Status 5059-P00825/01 Unfiled **App No.**: **App Dt**: MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1208

5059-000825/US Title: High-Performance Pulse Width Modulator With Frequency Sythesis And Built-In Self Test

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Prefiled Status

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9421 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates Attorneys**

MDW

27-Jul-2008 App No.: App Dt: United States of America Reminder Pat No .: Iss Dt:

Unfiled

Client Reference: Client Ref. 1: MP1209 HDP Number:

5059-000826/US Title: Optimized Error Diffusion Halftoning Block

Client: Marvell Semiconductor Inc.

5059-P00826/01

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Update Status 5059-P00933/01 App No.: 11/588931 App Dt: 27-Oct-2006 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1254 HDP Number:

5059-000933/US Title: Amplifier With Output Filtering

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01486A/01 Pending App No.: 60/975639 App Dt: 27-Sep-2007 MDW

Iss Dt: Reminder United States of America Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP1983PR2

5059-001486/US/PS2 Title: Exhaustive Search Maximum Likelihood Decoding Of BPSK And QPSK MSC Codes In 3XNR MIMO Receiver

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9422 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Action Due Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

27-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01486A/01 Pending App No.: 60/975639 App Dt: 27-Sep-2007 MDW

Status

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1983PR2 HDP Number:

5059-001486/US/PS2 Title: Exhaustive Search Maximum Likelihood Decoding Of BPSK And QPSK MSC Codes In 3XNR MIMO Receiver

Client: Marvell Semiconductor Inc.

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

Prefiled Status 5059-P01556/02 Unfiled MDW 27-Jul-2008 App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2057 HDP Number:

5059-001556/US Title: Long Latency Protocol For HDC-RDC Interface In SOC Mode

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Prefiled Status 5059-P01557/02 Unfiled MDW App No.: App Dt:

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2058

5059-001557/US Title: Synchronization Codes For Cellular Communication

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9423 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Mississ, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

27-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01626/01 Pending App No.: 60/968092 App Dt: 27-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2127PR

5059-001626/US/PS1 Title: A Configurable Digital Filter Having Automatic Scale Adjustment

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01626/01 Pending *App No.*: 60/968092 *App Dt*: 27-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2127PR

5059-001626/US/PS1 Title: A Configurable Digital Filter Having Automatic Scale Adjustment

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01627/01 Pending **App No.**: 60/968152 **App Dt**: 27-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2128PR

5059-001627/US/PS1 Title: Method For Adjusting Transmission Rate During Packet Expansion Using In-Band Signaling

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9424 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Mississ Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

27-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01627/01 Pending **App No.**: 60/968152 **App Dt**: 27-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2128PR

5059-001627/US/PS1 Title: Method For Adjusting Transmission Rate During Packet Expansion Using In-Band Signaling

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01628/01 Pending **App No.:** 60/968143 **App Dt:** 27-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2129PR

5059-001628/US/PS1 Title: "Core Morphing"-Dynamically Switching Between CPU Cores Of Different Capabilities To Optimally Meet Power

Performance-Feature Requirements Independent Of Operating System And Applications

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01628/01 Pending App No.: 60/968143 App Dt: 27-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2129PR

5059-001628/US/PS1 Title: "Core Morphing"-Dynamically Switching Between CPU Cores Of Different Capabilities To Optimally Meet Power

Performance-Feature Requirements Independent Of Operating System And Applications

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Reminder

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9425 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

Pat No.:

MDW

Iss Dt:

27-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01676/01 Pending App No.: 60/975633 App Dt: 27-Sep-2007 United States of America

HDP Number: Client Reference: Client Ref. 1: MP2183PR

5059-001676/US/PS1 Title: Method And Apparatus For Egress Jitter Pacer

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01676/01 App No.: 60/975633 App Dt: 27-Sep-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2183PR HDP Number:

5059-001676/US/PS1 Title: Method And Apparatus For Egress Jitter Pacer

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01677/01 Pending App No.: 60/975627 App Dt: 27-Sep-2007 MDW

Pat No.: Reminder United States of America Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2184PR

5059-001677/US/PS1 Title: Low-Complexity Receivers For Superposition Coded Multi-User System

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9426 of 9672 01-May-2008 31-Jul-2008

Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

27-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01677/01 Pending App No.: 60/975627 App Dt: 27-Sep-2007 MDW

United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2184PR

5059-001677/US/PS1 Title: Low-Complexity Receivers For Superposition Coded Multi-User System

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01678/01 **App No.:** 60/975605 App Dt: 27-Sep-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2185PR HDP Number:

5059-001678/US/PS1 Title: Forwarding Of Contact Info During A Phone Call

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01678/01 Pending App No.: 60/975605 App Dt: 27-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2185PR

5059-001678/US/PS1 Title: Forwarding Of Contact Info During A Phone Call

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9427 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOV Windows Michael D

Status

Indicator Action Type Country

Pending *App No.*: 60/975619

App Dt: 27-Sep-2007 MDW

Attorneys

Bibliographic Numbers & Dates

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2186PR

Foreign Filing--10 Mo Reminder

Title: Email Messages Filter

Client: Marvell Semiconductor Inc.

5059-P01679/01

Matter Number/Subcase

Action Due Remarks: Due Date Remarks:

27-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01679/01

-P01679/01 Pending

App No.: 60/975619

App Dt: 27-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number:

Due Date

27-Jul-2008

5059-001679/US/PS1

Client Reference: Client Ref. 1: MP2186PR

5059-001679/US/PS1

Title: Email Messages Filter

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Convert to Regr-10 Mo Reminder

5059-P01680/01

App No.: 60/975595

App Dt: 27-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

Pending

HDP Number:

Client Reference: Client Ref. 1: MP2187PR

5059-001680/US/PS1

Title: Repetitive Error Correction For Phase-Locked Loops

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9428 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

27-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01680/01 Pending **App No.**: 60/975595 **App Dt**: 27-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2187PR

5059-001680/US/PS1 Title: Repetitive Error Correction For Phase-Locked Loops

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Convert to Regr-10 Mo Reminder 5059-P01681/01 Pending **App No.**: 60/975591 **App Dt**: 27-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2188PR

5059-001681/US/PS1 Title: Coexistence Communication Coordinator For Multi-Comm Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 Foreign Filing--10 Mo Reminder 5059-P01681/01 Pending **App No.**: 60/975591 **App Dt:** 27-Sep-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2188PR

5059-001681/US/PS1 Title: Coexistence Communication Coordinator For Multi-Comm Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9429 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Mississ, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

Iss Dt:

27-Jul-2008 Update Status 8540P-P00096/01 Pending *App No.*: 10/850724 *App Dt*: 21-May-2004 MDW

Reminder United States of America Pat No.:

HDP Number: Client Reference: Client Ref. 1: GP-302317

8540P-000096/US Title: EMC Self-Shielding High Voltage Distribution Box

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

27-Jul-2008 3 Mo Offic Act-1st Ext 8540P-P00137/01 Published App No.: 10/867402 App Dt: 14-Jun-2004 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-303450

8540P-000137/US Title: Minimization of Eddy Current Loss In Multi-Barrier IPM Machi nes

Client: General Motors Corporation

Action Due Remarks: Received from GM 4/10/2008.

Due Date Remarks:

27-Jul-2008 Foreign Filing Deadline NEP 8540P-P00454/01 Unofficial *App No.*: 11/829224 *App Dt*: 27-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-307960

8540P-000454/US Title: Torque Converter Clutch Apply Adapt And Quality Apply Detection Converter Slip Acceleration

Client: General Motors Corporation



27-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9430 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Foreign Filing Due Pending App No.: 11/829235 App Dt: 27-Jul-2007 United States of America Iss Dt:

Foreign Filing Final Pat No.:

Client Reference: Client Ref. 1: GP-309176 HDP Number:

8540P-000490/US Title: Adaaptive Barometric Pressure Estimation

Client: General Motors Corporation

8540P-P00490/01

Action Due Remarks: Due Date Remarks:

27-Jul-2008 Foreign Filing Deadline NEP 8540P-P00627/01 Unofficial App No.: 60/952432 App Dt: 27-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: P002008 HDP Number:

8540P-000627/US Title: Hybrid Belt Driven Motor/Generator/Starting System

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

27-Jul-2008 Foreign Filing Deadline NEP 8540P-P00630/01 Unofficial App No.: 60/952437 App Dt: 27-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001727

8540P-000630/US/PS1 Title: Method Of CAM Phasing Control To Optimize Regen Fro Hybrid Vehicle

Client: General Motors Corporation



27-Jul-2008

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9431 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Wissiass, Blobset 0

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

Country Bibliographic Numbers & Dates Attorneys

App No.: 60/952437

App Dt: 27-Jul-2007

MDW

Final United States of America Pat No.: Iss Dt:

Unofficial

HDP Number: Client Reference: Client Ref. 1: P001727

Convert to Regular NEP

8540P-000630/US/PS1 Title: Method Of CAM Phasing Control To Optimize Regen Fro Hybrid Vehicle

8540P-P00630/01

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks:

28-Jul-2008 3 Mo Final OA + 3 (NEP) 2671-P00002/02 Published **App No.:** 11/081979 **App Dt:** 16-Mar-2005 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: 1006

2671-000002/US/02 Title: Battery State Of Charge Algorithm

Client: COBASYS LLC

Action Due Remarks: Due Date Remarks:

28-Jul-2008 Appeal Due + 3 (NEP) 2671-P00002/02 Published **App No.**: 11/081979 **App Dt**: 16-Mar-2005 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: 1006

2671-000002/US/02 Title: Battery State Of Charge Algorithm

Client: COBASYS LLC

Action Due Remarks: Due Date Remarks:



HDP Number:

5059-000081/US/CPB

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9432 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

28-Jul-2008 3 Mo Offc Act-Response Due 5059-P00067/02 **Published** App No.: 11/152901 App Dt: 15-Jun-2005

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

5059-000067/US/COA Title: A Linking Cross Bar Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 3 Mo Offc Act-Due 2 Wks Final 5059-P00081/03 Published **App No.:** 11/524113 App Dt: 20-Sep-2006 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0107.C1

HDP Number: Client Reference: Client Ref. 1: MP0320.C111

Title: Efficient Transistor Structure

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00084/01 Pending App No.: 10/675693 App Dt: 30-Sep-2003 MDW

Pat No.: Due Date US-3 Month Office Action United States of America Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0321

5059-000084/US Title: Joint Space-Time Block Decoding And Viterbi Decoding

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9433 of 9672 01-May-2008 31-Jul-2008 Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 28-Jul-2008 Final Offc Act-2nd Ext 5059-P00125/02 Pending App No.: 10/693787 App Dt: 24-Oct-2003 MDW

Pat No.:

Iss Dt:

US-Final Office Action Client Reference: Client Ref. 1: MP0400 HDP Number:

5059-000125/US Title: Voltage Regulator

Client: Marvell Semiconductor Inc.

United States of America

Action Due Remarks: Due Date Remarks:

28-Jul-2008 Final Offc Act-2nd Appeal Ext 5059-P00125/02 App No.: 10/693787 App Dt: 24-Oct-2003 MDW Pending

Due Date **US-Final Office Action** United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0400 HDP Number: 5059-000125/US Title: Voltage Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 3 Mo Offc Act-2nd Ext 5059-P00147/02 Pending App No.: 11/656774 App Dt: 22-Jan-2007 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0492.C1

5059-000147/US/COA Title: Programmable High Pass Amplifier For Perpendicular

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9434 of 9672 01-May-2008 31-Jul-2008

Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

28-Jul-2008 Examination Report - 1 month 5059-P00218/03 **Published** App No.: 060054038 App Dt: 16-Mar-2006 Reminder F-Examination Report **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0626EP02

5059-100218/EP/02

Title: Wireless Audio For Entertainment Systems

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 3 Mo Offc Act-2nd Ext 5059-P00359/02 App No.: 11/220304 App Dt: 06-Sep-2005 Pending MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0035RE HDP Number:

5059-000359/US/REA Title: Direct Drive Programmable High Speed Power Digital-To-Digital Analog Converter

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Registration Fees 5059-P00426/01 Published App No.: 019589704 App Dt: 17-Jul-2001 MDW

Due Date F-Registration Fees Pat No.: **European Patent Convention** Iss Dt:

HDP Number: Client Reference: Client Ref. 1: QLOGICP.021VEP; Client Ref. 2: MP0780

5059-100426/EP/01 Title: Disk Controller Configured To Perform Out Of Order Execution Of Write Operations

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9435 of 9672 01-May-2008 31-Jul-2008

Wildelie Medice D Attorney:

28-Jul-2008

HDP Number:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Missing Parts (1st) + 5 (NEP) Pending **App No.:** 11/981706 App Dt: 31-Oct-2007 Final United States of America Iss Dt:

Pat No.: Client Reference: Client Ref. 1: MP0062.I4C1

5059-000507/US/COK Title: Method And Apparatus For Recording And Reproducing Digital Data

5059-P00507/08

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

28-Jul-2008 Update Status 5059-P00569/01 App No.: 10/862414 App Dt: 08-Jun-2004 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0415; Client Ref. 2: 213200.00100 HDP Number:

5059-000569/US Title: Propagation Self Servo Write System And Method For Storage Devices Employing Sector-Servo Scheme

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

28-Jul-2008 3 Mo Offc Act-1st Ext 5059-P00576/01 Pending App No.: 11/067749 App Dt: 01-Mar-2005 MDW

Pat No.: Due Date US-3 Month Office Action United States of America Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0624; Client Ref. 2: 213200.00149

5059-000576/US Title: Class A-B Line Driver For Gigabit Ethernet

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9436 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 28-Jul-2008 Check if IPER received 5059-P00632A/01 Pending App No.: PCT/US2007/004095 App Dt: 15-Feb-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt: HDP Number: Client Reference: Client Ref. 1: MP0925/WO

5059-000632/WO/POA *Title:* Duplex Mismatch Detection

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 28 Mo National Stage Reminder 5059-P00632A/01 Pending **App No.**: PCT/US2007/004095 **App Dt**: 15-Feb-2007 MDW

Reminder Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0925/WO

5059-000632/WO/POA Title: Duplex Mismatch Detection

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008

3 Mo Offic Act-Due 2 Wks Final 5059-P00678/02 Published **App No.:** 11/649899 **App Dt:** 04-Jan-2007 MDW

Due Date US-3 Month Office Action United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1034

5059-000678/US Title: Method And Apparatus For Generating Non-Binary Balanced Codes

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

28-Jul-2008 Missing Parts-3rd Ext 5059-P01220/02 Pending **App No.**: 12/029853 **App Dt**: 12-Feb-2008 MDW

Due Date US-Missing Parts United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1702

5059-001220/US Title: Adaptive Jitter Buffer-Packet Loss Concealment

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01627A/01 Pending **App No.**: 60/968470 **App Dt**: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2128PR2

5059-001627/US/PS2 Title: Method For Adjusting Transmission Rate During Packet Expansion Using In-Band Signaling

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01627A/01 Pending App No.: 60/968470 App Dt: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2128PR2

5059-001627/US/PS2 Title: Method For Adjusting Transmission Rate During Packet Expansion Using In-Band Signaling

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

28-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01629/01 Pending **App No.**: 60/968474 **App Dt**: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2130PR

5059-001629/US/PS1 Title: Method For Reading Dual-Bit Or Multi-Bit Flash Memory Cells

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Convert to Regir-1 Mo Reminder 5059-P01629/01 Pending App No.: 60/968474 App Dt: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2130PR

5059-001629/US/PS1 Title: Method For Reading Dual-Bit Or Multi-Bit Flash Memory Cells

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01630/01 Pending **App No.**: 60/968472 **App Dt**: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2131PR

5059-001630/US/PS1 Title: USB Connection/Disconnection Automation Board

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02, 2008
 Due: Date List (by Attorney)
 Page: 9439 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NEW Minimum Distriction
 D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

28-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01630/01 Pending App No.: 60/968472 App Dt: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2131PR

5059-001630/US/PS1 Title: USB Connection/Disconnection Automation Board

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01631/01 Pending *App No.*: 60/968467 *App Dt*: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2132PR

5059-001631/US/PS1 Title: Dual Antenna Optimum Beam Forming For WLAN BT Coexistence On Handset Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01631/01 Pending App No.: 60/968467 App Dt: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2132PR

5059-001631/US/PS1 Title: Dual Antenna Optimum Beam Forming For WLAN BT Coexistence On Handset Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Afterney, State St

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

28-Jul-2008 Convert to Regir-1 Mo Reminder 5059-P01632/01 Pending *App No.*: 60/968480 *App Dt*: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2133PR

5059-001632/US/PS1 Title: True X-Y Position, Velocity And Angular Position Determination Of Random Motion Devices Using The Integration

Of Roller Ball And Optical Navigation Technologies

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01632/01 Pending App No.: 60/968480 App Dt: 28-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2133PR

5059-001632/US/PS1 Title: True X-Y Position, Velocity And Angular Position Determination Of Random Motion Devices Using The Integration

Of Roller Ball And Optical Navigation Technologies

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Update Status 5059-P01879/01 Pending *App No.*: 61/023993 *App Dt*: 28-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1; MP2410PR

5059-001879/US/PS1 Title: Reassembly Of Fragmented Packets In A Switching Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008

Page: 9441 of 9672

01-May-2008

31-Jul-2008

Attorney:

Wiccins Messel ()

Due Date Action Due Indicator **Action Type** Matter Number/Subcase Country

Status

Bibliographic Numbers & Dates

Attorneys

28-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01879/01

Pending

App No.: 61/023993

App Dt: 28-Jan-2008

MDW

Reminder

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2410PR

5059-001879/US/PS1

Title: Reassembly Of Fragmented Packets In A Switching Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008 Reminder - Foreign Filing 5059-P01879/01

Pending

App No.: 61/023993

Pat No.:

App Dt: 28-Jan-2008

Iss Dt:

MDW

Reminder HDP Number: United States of America

Client Reference: Client Ref. 1: MP2410PR

5059-001879/US/PS1

Title: Reassembly Of Fragmented Packets In A Switching Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

28-Jul-2008

Foreign Filing Reminder

5059-P01879/01

Pending

App No.: 61/023993

App Dt: 28-Jan-2008

MDW

Reminder

Foreign Filing

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2410PR

5059-001879/US/PS1

Title: Reassembly Of Fragmented Packets In A Switching Device

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9442 of 9672 01-May-2008 31-Jul-2008 Water Metal

Attorney:

Action Due

Action Type

7395E-P00011/01

Status

Bibliographic Numbers & Dates

Attorneys

28-Jul-2008

Due Date

Indicator

Missing Parts-3rd Ext

Client: Manitz, Finsterwald & Partner

Pending

App No.: 12/029648

App Dt: 12-Feb-2008 MDW

Due Date

US-Missing Parts

United States of America

Matter Number/Subcase

Pat No.:

Iss Dt:

HDP Number: 7395E-000011/US Client Reference: Client Ref. 1: S10476PUS

Country

Title: Iductive Proximity Sensor

Action Due Remarks:

Due Date Remarks:

28-Jul-2008

Filing Reminder

8540P-P00580/02

Pending

App No.: 61/023954

App Dt: 28-Jan-2008 MDW

Reminder

File Application

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: P000798

8540P-000580/US/PS1

Title: Oil Condition Sensing Electric Solenoid Mechanism

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

28-Jul-2008

Foreign Filing Reminder

8540P-P00580/02

Pending

App No.: 61/023954

App Dt: 28-Jan-2008 MDW

Reminder

Foreign Filing

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: P000798

8540P-000580/US/PS1

Title: Oil Condition Sensing Electric Solenoid Mechanism

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9443 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Ministration of MOW Ministration o

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 29-Jul-2008 **Prefiled Status** 2671-P00006/01 Unfiled App No.: MDW App Dt: United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: 1005

2671-000006/US Title: Substrate Densisity Ouantification Through Radiation Penetra tion

Client: COBASYS LLC

Action Due Remarks: Due Date Remarks:

29-Jul-2008 Patent Received? 5059-P00093/01 Pending **App No.**: 10/747520 **App Dt**: 29-Dec-2003 MDW

Due Date US-Issue Notification Received United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0349

5059-000093/US Title: Bootstraped Charge-Pump Driver in PLL

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

29-Jul-2008 Rescind Non-Publication NEP 5059-P00332/02 Pending App No.: 11/699260 App Dt: 29-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0146.C1

5059-000332/US/COA Title: Dynamic Alignment For Data On A Parallel Bus

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9444 of: 9672

 01-May-2008
 To: 31-Jul-2008

 Attorney:
 MOW: Wissiass, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

29-Jul-2008 XOT Office Action 5059-P01052/01 Published **App No.**: 028251881 **App Dt**: 16-Dec-2002 MDW

Final F-Office Action China (Peoples Republic) Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1450/CN

5059-101052/CN/01 Title: Method And Apparatus For Generating A Quality Measure Target Value Based On Channel Conditions

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Priority Document NEP 5059-P01323/01 Unofficial App No.: PCT/US2008/004141 App Dt: 28-Mar-2008 MDW

Final Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1814.WO

5059-001323/WO/POA Title: A Mechanism To Enable IP Address Allocation For Different Terminal Types In Evolved Wireless Networks

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Update Status 5059-P01478/02 Pending App No.: 12/011607 App Dt: 28-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1975

5059-001478/US Title: Non-Volatile Memory Cell And Array And Method Making The Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9445 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Mississ, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

29-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01633/01 Pending **App No.**: 60/968741 **App Dt**: 29-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2134PR

5059-001633/US/PS1 Title: Sequence Detection For Flash Memory With Inter-Cell Interference

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Convert to Regir-1 Mo Reminder 5059-P01633/01 Pending App No.: 60/968741 App Dt: 29-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2134PR

5059-001633/US/PS1 Title: Sequence Detection For Flash Memory With Inter-Cell Interference

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01634/01 Pending App No.: 60/968743 App Dt: 29-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2135PR

5059-001634/US/PS1 Title: Performed Balls On Bonding Pads For Probing And Wire-Bonding Connections

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Priday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9446 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Missians, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

29-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01634/01 Pending **App No.:** 60/968743 **App Dt:** 29-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2135PR

5059-001634/US/PS1 Title: Performed Balls On Bonding Pads For Probing And Wire-Bonding Connections

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01635/01 Pending **App No.**: 60/968752 **App Dt:** 29-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2136PR

5059-001635/US/PS1 Title: MCM Structure, Reverse Formatting QFNs

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01635/01 Pending App No.: 60/968752 App Dt: 29-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2136PR

5059-001635/US/PS1 Title: MCM Structure, Reverse Formatting QFNs

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9447 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type**

Country **Bibliographic Numbers & Dates Attorneys**

MDW

29-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01636/01 Pending App No.: 60/968748 App Dt: 29-Aug-2007 United States of America Iss Dt: Reminder Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP2137PR

5059-001636/US/PS1 Title: MCS Selection In The Presence Of Interference

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Convert to Reglr-1 Mo Reminder 5059-P01636/01 **App No.:** 60/968748 App Dt: 29-Aug-2007 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2137PR HDP Number:

5059-001636/US/PS1 Title: MCS Selection In The Presence Of Interference

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01880/01 App No.: 61/024341 App Dt: 29-Jan-2008 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2411PR

5059-001880/US/PS1 Title: Generic Static Memory Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9448 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Matter Number/Subcase **Due Date Action Due** Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Reminder - Foreign Filing Pending App No.: 61/024341 App Dt: 29-Jan-2008 United States of America Iss Dt: Reminder Pat No.:

Client Reference: Client Ref. 1: MP2411PR HDP Number:

5059-P01880/01

5059-001880/US/PS1 Title: Generic Static Memory Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008

29-Jul-2008 Update Status 5059-P01880/01 App No.: 61/024341 App Dt: 29-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2411PR HDP Number:

5059-001880/US/PS1 Title: Generic Static Memory Controller

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Reminder - Foreign Filing 5059-P01881/01 Pending App No.: 61/024330 App Dt: 29-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2412PR

5059-001881/US/PS1 Title: Optimizing Write Performance By Control Of Phase Edges

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Reminder

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9449 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Wisciss, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

Pat No.:

MDW

Iss Dt:

29-Jul-2008 Update Status 5059-P01881/01 Pending **App No.**: 61/024330 **App Dt**: 29-Jan-2008

HDP Number: Client Reference: Client Ref. 1: MP2412PR

5059-001881/US/PS1 Title: Optimizing Write Performance By Control Of Phase Edges

Client: Marvell Semiconductor Inc.

United States of America

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01881/01 Pending **App No.**: 61/024330 **App Dt**: 29-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2412PR

5059-001881/US/PS1 Title: Optimizing Write Performance By Control Of Phase Edges

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Update Status 5059-P01882/01 Pending **App No.**: 61/024348 **App Dt**: 29-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2413PR

5059-001882/US/PS1 Title: Bit-Permutation For CQI Encoding

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Due Date

29-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9450 of 9672 01-May-2008 31-Jul-2008 Wiccins Messel () Attorney:

Status

Pending

Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

App No.: 61/024348

App Dt: 29-Jan-2008

MDW

Reminder United States of America Iss Dt: Pat No.:

HDP Number: Client Reference: Client Ref. 1: MP2413PR

Convert to Reglr-6 Mo Reminder

5059-001882/US/PS1 Title: Bit-Permutation For CQI Encoding

Client: Marvell Semiconductor Inc.

5059-P01882/01

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Reminder - Foreign Filing 5059-P01882/01 Pending App No.: 61/024348 App Dt: 29-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2413PR HDP Number:

5059-001882/US/PS1 Title: Bit-Permutation For CQI Encoding

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Update Status 5059-P01883/01 Pending **App No.:** 61/024372 App Dt: 29-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2414PR

5059-001883/US/PS1 Title: Package Thermal Resistance Calculator

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9451 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

29-Jul-2008 Reminder - Foreign Filing Pending App No.: 61/024372 App Dt: 29-Jan-2008 Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2414PR HDP Number:

5059-001883/US/PS1 Title: Package Thermal Resistance Calculator

Client: Marvell Semiconductor Inc.

5059-P01883/01

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01883/01 **App No.:** 61/024372 App Dt: 29-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2414PR HDP Number:

5059-001883/US/PS1 Title: Package Thermal Resistance Calculator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Update Status 8540P-P00111/01 Unofficial App No.: 10/689184 App Dt: 20-Feb-2004 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-303110

8540P-000111/US Title: Airflow Variation Learning Using ETC

Client: General Motors Corporation

Action Due Remarks:



29-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9452 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Marca D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

App No.: 11/389567 App Dt: 24-Mar-2006 US-3 Month Office Action Due Date United States of America Pat No.: Iss Dt:

Unofficial

Client Reference: Client Ref. 1: GP-305453 HDP Number:

3 Mo Offc Act-Due 2 Wks Final

8540P-000244/US Title: Brake Booster Vacuum Sensor Rationality Diagnostic

Client: General Motors Corporation

8540P-P00244/01

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Foreign Filing Reminder 8540P-P00597/02 Pending App No.: 12/021575 App Dt: 29-Jan-2008 MDW

Reminder Foreign Filing Pat No.: United States of America Iss Dt:

Client Reference: Client Ref. 1: P000044 HDP Number:

8540P-000597/US Title: Evaporative Emissions Purge Control

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

29-Jul-2008 Reminder - Foreign Filing 8540P-P00656/02 App No.: 12/021529 App Dt: 29-Jan-2008 MDW Pending

United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002520

8540P-000656/US Title: Calibration Systems And Methdos For Scheduled Linear Control Algorithms In Internal Combustion Engine Control

Systems Using Genetic Algortihms, Penalty Functions, Weighting, And Embedding

Client: General Motors Corporation

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9453 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

30-Jul-2008 Update Status **App No.:** 11/589368 App Dt: 30-Oct-2006 Reminder United States of America Pat No.: Iss Dt:

Unofficial

HDP Number: Client Reference: Client Ref. 1: MP0087.D2D1

5059-000010/US/DVB Title: Method And Apparatus For Improving Memory Operation And Yield

Client: Marvell Semiconductor Inc.

5059-P00010/03

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Update Status 5059-P00026/08 Published App No.: 11/643089 App Dt: 21-Dec-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0094.I2C1

5059-000026/US/COF Title: Apparatus And Method For A Nested Transimpedance Amplifier

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Registration Fees 5059-P00086/09 **Published** App No.: 040231920 App Dt: 29-Sep-2004 MDW

Final F-Registration Fees **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP09

5059-100086/EP/09 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:



30-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9454 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Matter Number/Subcase **Action Due** Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Registration Fees App No.: 040232498 App Dt: 29-Sep-2004 Due Date F-Registration Fees **European Patent Convention** Pat No.: Iss Dt:

Published

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP08

5059-100086/EP/08 Title: Output Regulator

Client: Marvell Semiconductor Inc.

5059-P00086/08

Action Due Remarks: Due Date Remarks:

30-Jul-2008 Translation Due 5059-P00086/09 Published App No.: 040231920 App Dt: 29-Sep-2004 MDW

Final F-Translation **European Patent Convention** Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0185WO.EP09 HDP Number:

5059-100086/EP/09 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

30-Jul-2008 Registration Fees 5059-P00086/07 Published **App No.:** 040232472 App Dt: 29-Sep-2004 MDW

Due Date F-Registration Fees **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP07

5059-100086/EP/07 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9455 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

Foreign Filing Reminder Pending App No.: 61/024711 App Dt: 30-Jan-2008 Foreign Filing United States of America Pat No.: Iss Dt: Reminder

HDP Number: Client Reference: Client Ref. 1: MP0748.JPR

5059-000334/US/PS2 Title: Low-Noise Fine-Frequency Tuning

Client: Marvell Semiconductor Inc.

5059-P00334/01

Action Due Remarks:

Due Date Remarks:

30-Jul-2008

30-Jul-2008 Filing Reminder 5059-P00334/01 App No.: 61/024711 App Dt: 30-Jan-2008 Pending MDW

Reminder File Application United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0748.IPR HDP Number:

5059-000334/US/PS2 Title: Low-Noise Fine-Frequency Tuning

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Rescind Non-Publication NEP 5059-P00564/02 App No.: 11/699648 App Dt: 30-Jan-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0364.C1

5059-000564/US/COA Title: Baseband Filter Start-Up Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

30-Jul-2008 Rescind Non-Publication NEP 5059-P00564/03 Pending **App No.:** 11/699890 **App Dt:** 30-Jan-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0364.D1

5059-000564/US/DVB Title: Baseband Filter Start-Up Circuit

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 30 Mo National Stage NEP 5059-P00713/01 Published **App No.**: PCT/US2007/000360 **App Dt**: 09-Jan-2007 MDW

Final Patent Cooperation Treaty Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0930.PCT

5059-000713/WO/POA Title: TDMA Controller For A Wireless Communication System And Method Of Operating Same

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Reminder - Foreign Filing 5059-P01288/01 Pending *App No.*: 61/024732 *App Dt*: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1393PR

5059-001288/US/PS1 Title: Distribution Communication System For Audio Video And Consumer Equipment

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9457 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country

Bibliographic Numbers & Dates Attorneys

MDW

30-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01288/01 Pending **App No.:** 61/024732 App Dt: 30-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1393PR

5059-001288/US/PS1 Title: Distribution Communication System For Audio Video And Consumer Equipment

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Update Status 5059-P01288/01 App No.: 61/024732 App Dt: 30-Jan-2008 Pending MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1393PR HDP Number:

5059-001288/US/PS1 Title: Distribution Communication System For Audio Video And Consumer Equipment

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Convert to Regular NEP 5059-P01418B/01 App No.: 60/952779 App Dt: 30-Jul-2007 MDW Pending

United States of America Pat No.: Iss Dt: Final

HDP Number: Client Reference: Client Ref. 1: MP1912PR3

5059-001418/US/PS3 Title: Increasing Stand-By Time In OFDM Handsets

Client: Marvell Semiconductor Inc.

Action Due Remarks:



30-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9458 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Menne D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Foreign Filing Deadline NEP Pending App No.: 60/952779 App Dt: 30-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1912PR3 HDP Number:

5059-001418/US/PS3 Title: Increasing Stand-By Time In OFDM Handsets

Client: Marvell Semiconductor Inc.

5059-P01418B/01

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Foreign Filing Deadline NEP 5059-P01448A/01 App No.: 60/952760 App Dt: 30-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1943PR2 HDP Number:

5059-001448/US/PS2 Title: Multi-Mode Class D Amplifiers

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Convert to Regular NEP 5059-P01448A/01 Pending **App No.:** 60/952760 App Dt: 30-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1943PR2

5059-001448/US/PS2 Title: Multi-Mode Class D Amplifiers

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Attorney.

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

30-Jul-2008 Update Status 5059-P01463/01 Pending **App No.**: 61/024704 **App Dt**: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1960PR

5059-001463/US/PS1 Title: Channel Estimation With Co-Channel Pilots Suppression

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Reminder - Foreign Filing 5059-P01463/01 Pending **App No.**: 61/024704 **App Dt**: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1960PR

5059-001463/US/PS1 Title: Channel Estimation With Co-Channel Pilots Suppression

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01463/01 Pending **App No.**: 61/024704 **App Dt**: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1960PR

5059-001463/US/PS1 Title: Channel Estimation With Co-Channel Pilots Suppression

Client: Marvell Semiconductor Inc.

Action Due Remarks:



30-Jul-2008

HDP Number:

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9460 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Metal

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

Foreign Filing Deadline NEP Pending App No.: 60/952736 App Dt: 30-Jul-2007

Final United States of America Pat No.: Iss Dt:

5059-001558/US/PS1 Title: Rate Matching For RED HOT

Client: Marvell Semiconductor Inc.

5059-P01558/01

Client Reference: Client Ref. 1: MP2059PR

Action Due Remarks: Due Date Remarks:

30-Jul-2008 Convert to Regular NEP 5059-P01558/01 **App No.:** 60/952736 App Dt: 30-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2059PR HDP Number:

5059-001558/US/PS1 Title: Rate Matching For RED HOT

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Foreign Filing Deadline NEP 30-Jul-2008 5059-P01559/01 Pending App No.: 60/952730 App Dt: 30-Jul-2007 MDW

United States of America Final Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2060PR

5059-001559/US/PS1 Title: A Mechanism To Establish Security Associations Between Untrusted Terminal For Support Of Multimedia Session

Transfer

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9461 of 9672 01-May-2008 31-Jul-2008 Water Medical D Attorney:

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

30-Jul-2008 Convert to Regular NEP Pending **App No.:** 60/952730 App Dt: 30-Jul-2007

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2060PR HDP Number:

5059-001559/US/PS1 Title: A Mechanism To Establish Security Associations Between Untrusted Terminal For Support Of Multimedia Session

Transfer

Client: Marvell Semiconductor Inc.

5059-P01559/01

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Convert to Regular NEP 5059-P01560/01 App No.: 60/952744 App Dt: 30-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2061PR

5059-001560/US/PS1 Title: BT 802_11 AMP

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Foreign Filing Deadline NEP 5059-P01560/01 App No.: 60/952744 30-Jul-2008 Pending App Dt: 30-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2061PR HDP Number:

5059-001560/US/PS1 Title: BT 802 11 AMP

Client: Marvell Semiconductor Inc.

Action Due Remarks:



30-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9462 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Convert to Regular NEP Pending App No.: 60/952747 App Dt: 30-Jul-2007

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2062PR

5059-001561/US/PS1 Title: QC-LDPC Decoder With List-Syndrome Decoding

Client: Marvell Semiconductor Inc.

5059-P01561/01

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Foreign Filing Deadline NEP 5059-P01561/01 App No.: 60/952747 App Dt: 30-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2062PR HDP Number:

5059-001561/US/PS1 Title: QC-LDPC Decoder With List-Syndrome Decoding

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Convert to Regular NEP 5059-P01562/01 Pending **App No.:** 60/952756 App Dt: 30-Jul-2007 MDW

Pat No.: Final United States of America Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1761PR

5059-001562/US/PS1 Title: Dynamic Power Management For A FM Receiver

Client: Marvell Semiconductor Inc.

Action Due Remarks:



30-Jul-2008

Due Date List (by Attorney) Friday, May 02, 2008 Page: 9463 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Menne D

Due Date Matter Number/Subcase **Action Due** Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Foreign Filing Deadline NEP Pending App No.: 60/952756 App Dt: 30-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1761PR HDP Number:

5059-001562/US/PS1 Title: Dynamic Power Management For A FM Receiver

Client: Marvell Semiconductor Inc.

5059-P01562/01

Action Due Remarks: Due Date Remarks:

30-Jul-2008 Convert to Regular NEP 5059-P01563/01 App No.: 60/952787 App Dt: 30-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP0403aFPR HDP Number:

5059-001563/US/PS1 Title: Power Factor Correction IC

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:

30-Jul-2008 Foreign Filing Deadline NEP 5059-P01563/01 App No.: 60/952787 App Dt: 30-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0403aFPR

5059-001563/US/PS1 Title: Power Factor Correction IC

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9464 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 NDW
 Whodays Microsop

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

30-Jul-2008 Foreign Filing - 1 Mo Reminder 5059-P01637/01 Pending **App No.:** 60/969026 **App Dt:** 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2139PR

5059-001637/US/PS1 Title: Use Of A Directional Overload Indicator For Intercell Interference Coordination

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Convert to Regir-1 Mo Reminder 5059-P01637/01 Pending App No.: 60/969026 App Dt: 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2139PR

5059-001637/US/PS1 Title: Use Of A Directional Overload Indicator For Intercell Interference Coordination

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Update Status 5059-P01650/01 Pending **App No.**: 61/024718 **App Dt**: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2154PR

5059-001650/US/PS1 Title: Cell Phone Adaptor For PDA Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9465 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Mississ Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

indicator Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

30-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01650/01 Pending **App No.:** 61/024718 **App Dt:** 30-Jan-2008

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2154PR

5059-001650/US/PS1 Title: Cell Phone Adaptor For PDA Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Reminder - Foreign Filing 5059-P01650/01 Pending **App No.**: 61/024718 **App Dt**: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2154PR

5059-001650/US/PS1 Title: Cell Phone Adaptor For PDA Devices

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Reminder - Foreign Filing 5059-P01715/01 Pending *App No.*: 61/024700 *App Dt*: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2245PR

5059-001715/US/PS1 Title: Adaptive Target Optimization Methods And Systems For Noise Whitening Based Viterbi Detectors

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9466 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: MOW Windows Microse D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

30-Jul-2008 Update Status 5059-P01715/01 Pending **App No.**: 61/024700 **App Dt**: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2245PR

5059-001715/US/PS1 Title: Adaptive Target Optimization Methods And Systems For Noise Whitening Based Viterbi Detectors

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01715/01 Pending App No.: 61/024700 App Dt: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2245PR

5059-001715/US/PS1 Title: Adaptive Target Optimization Methods And Systems For Noise Whitening Based Viterbi Detectors

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Reminder - Foreign Filing 5059-P01884/01 Pending *App No.*: 61/024646 *App Dt*: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2415PR

5059-001884/US/PS1 Title: New Method To Signal The Downlink Data Arrival Via PDCCH Without Dedicated Preamble Resource In The

3GPP LTE Network

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9467 of 9672 01-May-2008 31-Jul-2008 Wiccord Michigan Attorney:

Matter Number/Subcase **Due Date Action Due** Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

30-Jul-2008 Convert to Reglr-6 Mo Reminder 5059-P01884/01 Pending **App No.:** 61/024646 App Dt: 30-Jan-2008 MDW

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2415PR HDP Number:

5059-001884/US/PS1 Title: New Method To Signal The Downlink Data Arrival Via PDCCH Without Dedicated Preamble Resource In The

3GPP LTE Network

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

5059-P01884/01 App Dt: 30-Jan-2008 MDW 30-Jul-2008 Update Status Pending **App No.:** 61/024646

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2415PR

5059-001884/US/PS1 Title: New Method To Signal The Downlink Data Arrival Via PDCCH Without Dedicated Preamble Resource In The

3GPP LTE Network

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

8540P-P00390/01 30-Jul-2008 Update Status Unofficial **App No.:** 11/589692 App Dt: 30-Oct-2006 MDW

Reminder United States of America Pat No .: Iss Dt:

HDP Number: Client Reference: Client Ref. 1; GP-307757

8540P-000390/US

Title: Clutch-To-Clutch Tie-Up Deceleration

Client: General Motors Corporation

Action Due Remarks:



Attorney:

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

30-Jul-2008 Update Status 8540P-P00391/01 Unofficial **App No.**: 11/589693 **App Dt**: 30-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-307758

8540P-000391/US *Title:* Clutch-To-Clutch Unintended Neutral

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00462A/01 Unofficial App No.: 60/966844 App Dt: 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308854

8540P-000462/US/PS1 Title: Method For Reducing NH3 Release From SCR Catalysts During Thermal Transients

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00462A/01 Unofficial **App No.**: 60/966844 **App Dt**: 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308854

8540P-000462/US/PS1 Title: Method For Reducing NH3 Release From SCR Catalysts During Thermal Transients

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9469 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Whoding Michael D

Due DateAction DueMatter Number/SubcaseStatusIndicatorAction TypeCountry

Action Type Country Bibliographic Numbers & Dates Attorneys

30-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00492A/01 Unofficial **App No.**: 60/966845 **App Dt**: 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309201

8540P-000492/US/PS1 *Title:* Reverse Engine Rotation Detection System

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Convert to RegIr-1 Mo Reminder 8540P-P00492A/01 Unofficial **App No.**: 60/966845 **App Dt**: 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309201

8540P-000492/US/PS1 **Title:** Reverse Engine Rotation Detection System

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00507/01 Unofficial **App No.**: 60/966865 **App Dt**: 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309333

8540P-000507/US/PS1 Title: Dual Control Solenoid Circuit

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9470 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: MOW Windows Microse D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

30-Jul-2008 Convert to Regir-1 Mo Reminder 8540P-P00507/01 Unofficial **App No.**: 60/966865 **App Dt**: 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

8540P-000507/US/PS1 Title: Dual Control Solenoid Circuit

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

HDP Number:

30-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00518A/01 Unofficial **App No.**: 60/966864 **App Dt**: 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308165

8540P-000518/US/PS1 Title: The Use Of CO2 Feedback In The Combustion Control

Client Reference: Client Ref. 1: GP-309333

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

30-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00518A/01 Unofficial **App No.**: 60/966864 **App Dt**: 30-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-308165

8540P-000518/US/PS1 Title: The Use Of CO2 Feedback In The Combustion Control

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9471 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Action Due Due Date Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 31-Jul-2008 Tax 3174-P00017/01 Pending App No.: 037643574 App Dt: 08-Jul-2003 MPB,MDW,JSB

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: EMC-02-047/EP/1

3174-100017/EP/01 Title: Interconnecting Method for Segmented Stator Electric Machines

Client: Emerson Motor Company

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Tax 5059-P00086/09 Published **App No.**: 040231920 **App Dt**: 29-Sep-2004 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP09

5059-100086/EP/09 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Tax 5059-P00086/07 Published **App No.**: 040232472 **App Dt**: 29-Sep-2004 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP07

5059-100086/EP/07 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Tax

 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9472 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country

5059-P00086/06 Published *App No.:* 040232340 *App Dt:* 29-Sep-2004 MDW

Bibliographic Numbers & Dates

Attorneys

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP06

5059-100086/EP/06 *Title:* Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Tax 5059-P00086/08 Published *App No.*: 040232498 *App Dt*: 29-Sep-2004 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP08

5059-100086/EP/08 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Tax 5059-P00086/02 Published **App No.**: 040232597 **App Dt**: 29-Sep-2004 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP02

5059-100086/EP/02 Title: Output Regulator

Client: Marvell Semiconductor Inc.

ONOTAL INC. TO COMPOSITOR INC.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9473 of 9672 01-May-2008 31-Jul-2008 Attorney: Nov Water Medical D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 31-Jul-2008 5059-P00086/05 **Published** App Dt: 29-Sep-2004 MDW

App No.: 040232563

Due Date **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP

5059-100086/EP/05 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Tax

5059-P00086/10 31-Jul-2008 Published App No.: 037634318 App Dt: 10-Jul-2003 MDW Tax

Due Date **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP10

5059-100086/EP/10 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Tax 5059-P00086/03 Published App No.: 040232589 App Dt: 29-Sep-2004 MDW

Due Date **European Patent Convention** Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP03

5059-100086/EP/03

Client: Marvell Semiconductor Inc.

Title: Output Regulator

Action Due Remarks:



Tax

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9474 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Windles Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

App No.: 040232571

App Dt: 29-Sep-2004

MDW

Published

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP04

5059-P00086/04

5059-100086/EP/04 *Title:* Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

Total Passación de la Caracteria de la C

31-Jul-2008 Tax 5059-P00086/01 Published **App No.**: 040232514 **App Dt**: 29-Sep-2004 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0185WO.EP01

5059-100086/EP/01 Title: Output Regulator

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Instruct Agent - Reg Fees 5059-P00223/02 Published App No.: 060063088 App Dt: 27-Mar-2006 MDW

Due Date F-Registration Fees European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0627EP01

5059-100223/EP/01 Title: Control System For Fluorescent Light Fixture

Client: Marvell Semiconductor Inc.

Action Due Remarks: Due Date Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9475 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NOW Windows Michael D

Due Date Action Due Matter Number/Subcase Status Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys 31-Jul-2008 Tax 5059-P00330/01 **Published** App No.: 060142601 App Dt: 10-Jul-2006 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference:

5059-100330/EP Title: Packaging For High Speed Integrated Circuits

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Tax 5059-P00330/02 Published **App No.**: 060140613 **App Dt**: 06-Jul-2006 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference:

5059-100330/EP/01 Title: Packaging For High Speed Integrated Circuits

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Tax 5059-P00330/03 Published **App No.**: 060142593 **App Dt**: 10-Jul-2006 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference:

5059-100330/EP/02 *Title:* Packaging For High Speed Integrated Circuits

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9476 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MDW Visiality, Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

MDW

 31-Jul-2008
 Tax
 5059-P00342/01
 Published
 App No.: 060141686
 App Dt: 07-Jul-2006

 Due Date
 European Patent Convention
 Pat No.:
 Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0752EP

5059-100342/EP Title: Radar Detection Apparatus And Method Thereof

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Update Status 5059-P00363/01 Pending App No.: 60/716840 App Dt: 14-Sep-2005 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0811PR

5059-000363/US/PS1 Title: C8800 HSC Calibration Logic

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Update Status 5059-P00407/02 Pending *App No.*: 11/590708 *App Dt*: 31-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0152.C1

5059-000407/US/COA Title: Divisionless Baseband Equalization In Symbol Modulated Communications

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9477 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: MOW Windows Microse D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Action Type Country Bibliographic Numbers & Dates Attorneys

31-Jul-2008 Tax 5059-P00426/01 Published **App No.**: 019589704 **App Dt**: 17-Jul-2001 MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: QLOGICP.021VEP;Client Ref. 2: MP0780

5059-100426/EP/01 Title: Disk Controller Configured To Perform Out Of Order Execution Of Write Operations

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Update Status 5059-P00461/02 Pending **App No.**: 11/590031 **App Dt**: 31-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0866

5059-000461/US Title: Virtual Pointing Devices For Display

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Update Status 5059-P00462/02 Pending **App No.**: 11/590079 **App Dt**: 31-Oct-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0867

5059-000462/US Title: Virtual Pointing Devices For Capture Device Control

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:



Friday, May 02, 2008

Due Date List (by Attorney)

Page: 9478 of 9672

01-May-2008

To 31-Jul-2008

Attorney: NOW Mississ Microse D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Ribliographic Numbers & Dates Attorneys

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

31-Jul-2008 Update Status 5059-P00604B/01 Pending App No.: 60/820871 App Dt: 31-Jul-2006 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP0886PR3

5059-000604/US/PS3 Title: Video Processor Architecture

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Prefiled Status 5059-P00827/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1183

5059-000827/US Title: Virtuan FM Antenna

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Prefiled Status 5059-P00828/02 Unfiled **App No.: App Dt:** MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1210

5059-000828/US *Title:* Bi-Linear Scaling

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9479 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Menne D

Due Date Action Due Matter Number/Subcase Status

Indicator **Action Type** Country **Bibliographic Numbers & Dates** Attorneys

MDW

31-Jul-2008 **Update Status** Pending App No.: 60/820884 App Dt: 31-Jul-2006 United States of America Reminder Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP1211PR

5059-000829/US/PS1 Title: Method And Apparatus For Fine Edge Control On Integrated Circuit Outputs

5059-P00829/01

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Update Status 5059-P00830/01 App No.: 60/820880 App Dt: 31-Jul-2006 MDW Pending

Reminder United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP1212PR HDP Number:

5059-000830/US/PS1 Title: Controllability And Observability System For Multistage Processing Pipelines Using Direct Memory Access

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Convert to Regular NEP 5059-P01564/01 App No.: 60/952988 App Dt: 31-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2063PR

5059-001564/US/PS1 Title: Secure Setup Using Multicast

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Due Date List (by Attorney) Friday, May 02, 2008 Page: 9480 of 9672 01-May-2008 31-Jul-2008 Attorney: Water Menne D

Due Date Action Due Matter Number/Subcase Status Indicator

Action Type Country **Bibliographic Numbers & Dates** Attorneys

MDW

Foreign Filing Deadline NEP Pending App No.: 60/952988 App Dt: 31-Jul-2007 Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2063PR HDP Number:

5059-001564/US/PS1 Title: Secure Setup Using Multicast

Client: Marvell Semiconductor Inc.

5059-P01564/01

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Convert to Regular NEP 5059-P01565/01 App No.: 60/952990 App Dt: 31-Jul-2007 MDW Pending

Final United States of America Pat No.: Iss Dt:

Client Reference: Client Ref. 1: MP2064PR HDP Number:

5059-001565/US/PS1 Title: I/O Profiler And I/O Adaptive Bus

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Foreign Filing Deadline NEP 5059-P01565/01 Pending App No.: 60/952990 App Dt: 31-Jul-2007 MDW

Final United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2064PR

5059-001565/US/PS1 Title: I/O Profiler And I/O Adaptive Bus

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Action Due

Filing Reminder

 Friday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9481 of: 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW
 Whoding Michael D

Indicator Action Type Country

Pending **App No.**: 61/025125

App Dt: 31-Jan-2008 MDW

Attorneys

Bibliographic Numbers & Dates

File Application United States of America Pat No.: Iss Dt:

Status

HDP Number: Client Reference: Client Ref. 1: MP2146PR2

5059-001642/US/PS2 *Title:* Coexistence-TRSwitch Module

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Foreign Filing Reminder

5059-P01642B/01 Pending

App No.: 61/025125

App Dt: 31-Jan-2008 MDW

Reminder Foreign Filing United States of America Pat No.: Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2146PR2

5059-001642/US/PS2

Due Date

31-Jul-2008

Reminder

Title: Coexistence-TRSwitch Module

Matter Number/Subcase

5059-P01642B/01

Client: Marvell Semiconductor Inc.

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Filing Reminder

5059-P01885/01

Pending

App No.: 61/025113

App Dt: 31-Jan-2008 MDW

Reminder

File Application

United States of America

Pat No.:

Iss Dt:

HDP Number:

Client Reference: Client Ref. 1: MP2416PR

5059-001885/US/PS1

Title: Design Proposal for FC-SP Compliance. The ESP_Header Proces sor Module

Client: Marvell Semiconductor Inc.

Action Due Remarks:



 Due Date
 Action Due
 Matter Number/Subcase
 Status

 Indicator
 Action Type
 Country
 Bibliographic Numbers & Dates
 Attorneys

App No.: 61/025113

App Dt: 31-Jan-2008

MDW

Pending

Reminder Foreign Filing United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2416PR

Foreign Filing Reminder

5059-001885/US/PS1 Title: Design Proposal for FC-SP Compliance. The ESP_Header Proces sor Module

Client: Marvell Semiconductor Inc.

5059-P01885/01

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Filing Reminder 5059-P01886/01 Pending **App No.**: 61/025116 **App Dt**: 31-Jan-2008 MDW

Reminder File Application United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2417PR

5059-001886/US/PS1 Title: Green Online Meter

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Foreign Filing Reminder 5059-P01886/01 Pending **App No.**: 61/025116 **App Dt**: 31-Jan-2008 MDW

Reminder Foreign Filing United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2417PR

5059-001886/US/PS1 *Title:* Green Online Meter

Client: Marvell Semiconductor Inc.

Action Due Remarks:



Status

Attorney:

Foreign Filing Reminder

Action Due

Due Date

31-Jul-2008

Indicator Action Type Country

5059-P01887/01 Pending *App No.*: 61/025119

Bibliographic Numbers & Dates

App Dt: 31-Jan-2008

Attorneys

MDW

Reminder Foreign Filing United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2418PR

5059-001887/US/PS1 Title: Timing Loop With Large Pull-In Range

Client: Marvell Semiconductor Inc.

Matter Number/Subcase

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Filing Reminder 5059-P01887/01 Pending **App No.**: 61/025119 **App Dt**: 31-Jan-2008 MDW

Reminder File Application United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: MP2418PR

5059-001887/US/PS1 Title: Timing Loop With Large Pull-In Range

Client: Marvell Semiconductor Inc.

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Update Status 8540P-P00161/01 Unofficial *App No.*: 10/851000 *App Dt*: 21-May-2004 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-303219

8540P-000161/US *Title*: Restoration Of Engine Braking With Cylinder Deactivation

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9484 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney:
 MOW Mississ Michael D

Due Date Action Due Matter Number/Subcase Status Indicator Action Type Country

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

31-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00501/01 Unofficial **App No.**: 60/969308 **App Dt**: 31-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309116

8540P-000501/US/PS1 Title: System For Cooling Engine Electronics

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00501/01 Unofficial **App No.:** 60/969308 **App Dt:** 31-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-309116

8540P-000501/US/PS1 Title: System For Cooling Engine Electronics

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00625/01 Unofficial **App No.**: 60/969297 **App Dt:** 31-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001587

8540P-000625/US/PS1 Title: Weak Refuel Detection System And Method For Virtual Flex Fuel Sensor System

Client: General Motors Corporation

Action Due Remarks:



 Priday, May 02, 2008
 Due Date List (by Attorney)
 Page: 9485 of 9672

 01-May-2008
 To
 31-Jul-2008

 Attorney:
 MOW Missians, Michael D

Due Date Action Due Matter Number/Subcase Status

Indicator Action Type Country Bibliographic Numbers & Dates Attorneys

31-Jul-2008 Convert to Reglr-1 Mo Reminder 8540P-P00625/01 Unofficial App No.: 60/969297 App Dt: 31-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P001587

8540P-000625/US/PS1 Title: Weak Refuel Detection System And Method For Virtual Flex Fuel Sensor System

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Convert to Regir-1 Mo Reminder 8540P-P00657/01 Unofficial App No.: 60/969332 App Dt: 31-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002501

8540P-000657/US/PS1 Title: Zoned Electrical Heater Arranged In Spaced Relationship From Particulate Filter

Client: General Motors Corporation

Action Due Remarks:

Due Date Remarks:

31-Jul-2008 Foreign Filing - 1 Mo Reminder 8540P-P00657/01 Unofficial *App No.*: 60/969332 *App Dt*: 31-Aug-2007 MDW

Reminder United States of America Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: P002501

8540P-000657/US/PS1 Title: Zoned Electrical Heater Arranged In Spaced Relationship From Particulate Filter

Client: General Motors Corporation

Action Due Remarks:



 Friday, May 02; 2008
 Due Date List (by Attorney)
 Page: 9486 of 9672

 01-May-2008
 To 31-Jul-2008

 Attorney: NEW: Winston Microsof D

Attorneys

Due Date Action Due Matter Number/Subcase Status
Indicator Action Type Country Bibliographic Numbers & Dates

31-Jul-2008 Tax 8540R-P00023/01 Pending **App No.**: 040065609 **App Dt**: 12-Jul-2004 AMB,MDW

Due Date European Patent Convention Pat No.: Iss Dt:

HDP Number: Client Reference: Client Ref. 1: GP-302466

8540R-100023/EP Title: Vehicle Stability Enhancement Control

Client: General Motors Corporation

Action Due Remarks: Due Date Remarks: